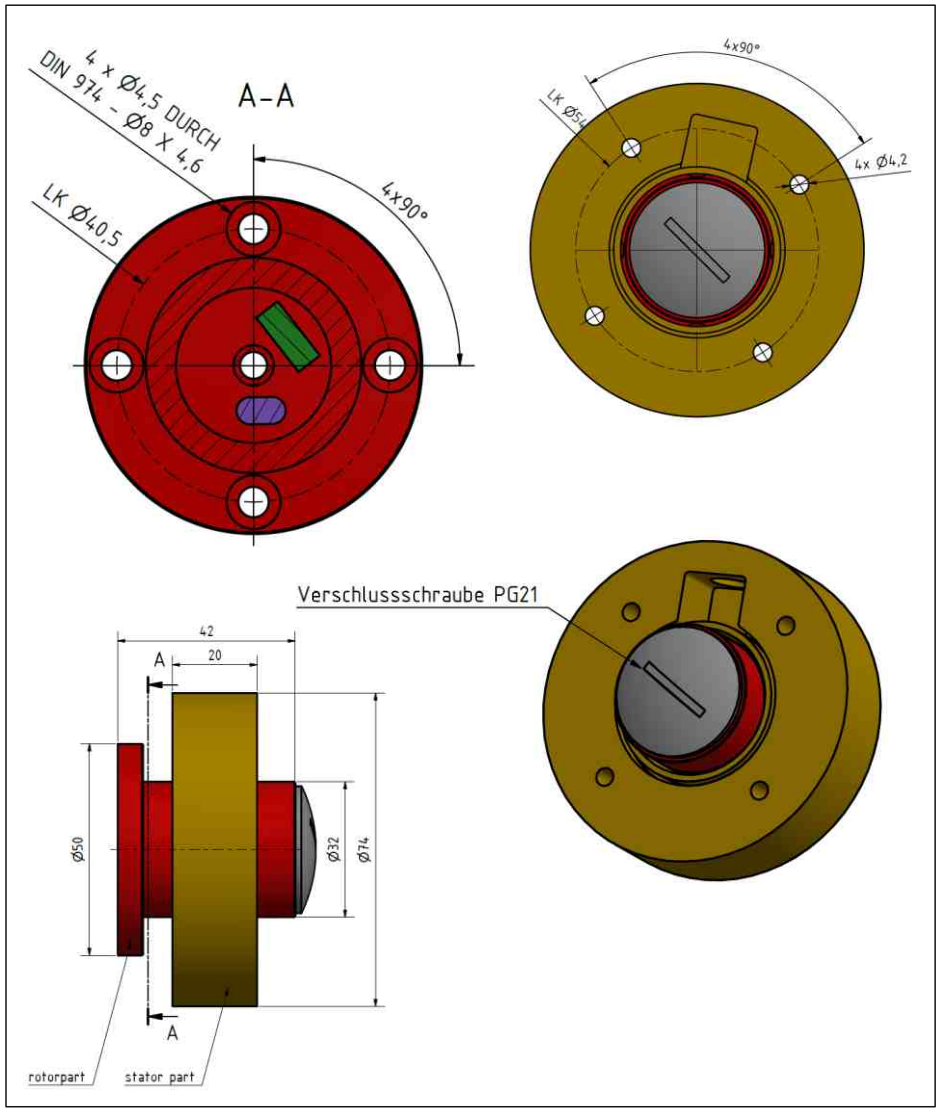
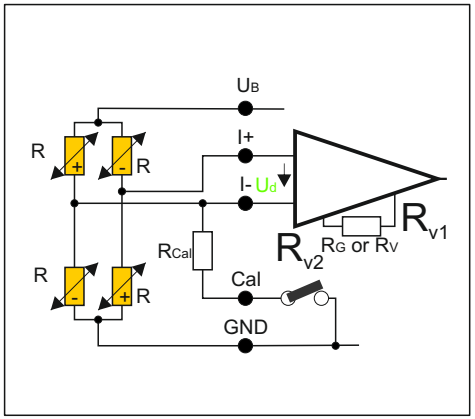
Sensor Signal Amplifier Type 2a

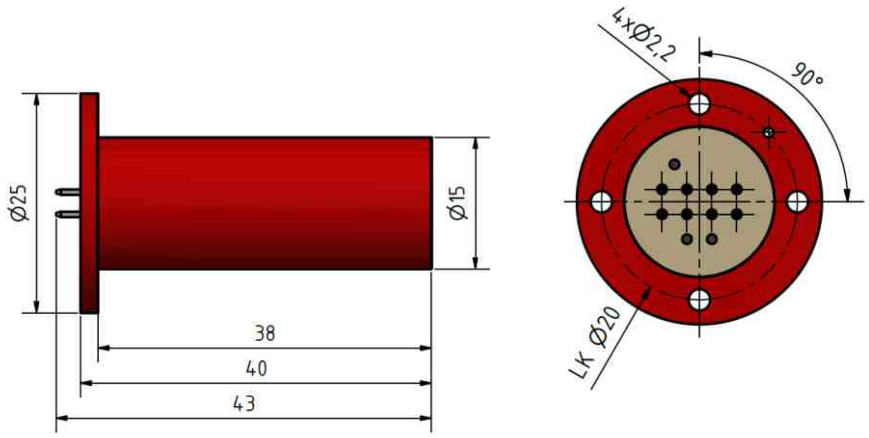


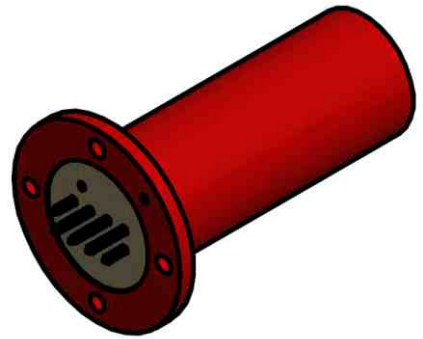


1 Channel PCM Transmitter

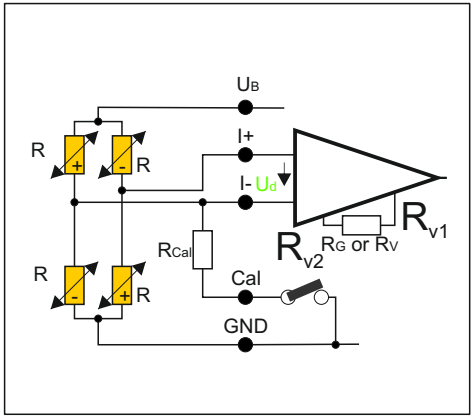
For strain gage, PT100, thermocouple				
Sensitivity: 0.02 mV/V to 20 mV/V				
Bandwidth: 0 (10) Hz to 50 kHz				
Strain gage brigde supply: 3.3 V				
Strain gage bridge resistance: 350 (120, 1000) Ω				
Transmission: inductive sensor telemetry PCM				
Integrated filter				
Resolution: 16 Bits				
Zero point drift: 0.02, (0.01, 0.003 option)				
Remote shunt calibration				
Remote gain, zero, auto zero with 16 Bit resolution				
Additonal temperature channel (option)				
Enviromental temperature range: -25 to +85°C (125°C, 150°C)				
Max load: 5 000 g (depending on fixing)				
Type: SV_2a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>				
0,02	85		1 kHz	-
0,01	125	PCM16	10 kHz	R
0,003	150		50 kHz	
	160			

Sensor Signal Amplifier Type 2b (End of shaft, Cartridge, Turbine, Integrated Rotor Coil)





Weight: 10 g
Torque of inertia: 4.2E-7 kgm²



1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 150°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_2b_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85		1 kHz	-	
0,01	125	PCM16	10 kHz	R	TC
0,003	150		50 kHz		
	160				

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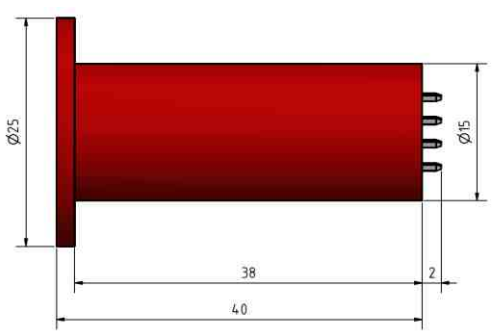
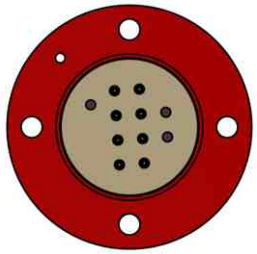
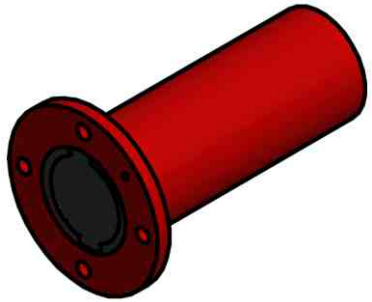
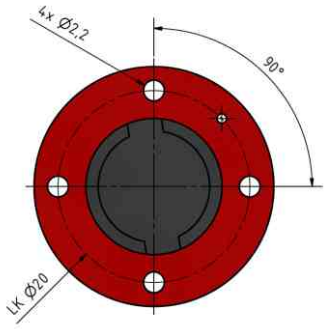
Sensor Signal Amplifier Type 2bx (End of shaft, Cartridge, Turbine, Integrated Rotor Coil)

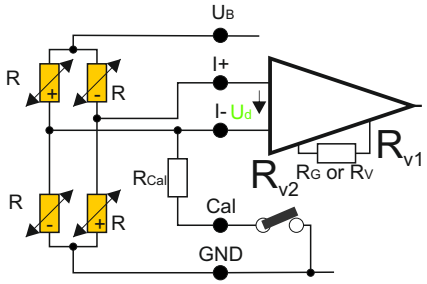








Weight: 10 g
Torque of inertia: 4.2E-7 kgm²



1 Channel PCM Transmitter

For strain gage, PT100, thermocouple						
Sensitivity: 0.02 mV/V to 20 mV/V						
Bandwidth: 0 (10) Hz to 50 kHz						
Strain gage brigde supply: 3.3 V						
Strain gage bridge resistance: 350 (120, 1000) Ω						
Transmission: inductive sensor telemetry PCM						
Integrated filter						
Resolution: 16 Bits						
Zero point drift: 0.02, (0.01, 0.003 option)						
Remote shunt calibration						
Remote gain, zero, auto zero with 16 Bit resolution						
Additonal temperature channel (option)						
Enviromental temperature range: -25 to +85°C (125°C, 150°C)						
Max load: 50 000 g (depending on fixing)						
Type: SV_2bx_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>						
	0,02	85		1 kHz	-	
	0,01	125	PCM16	10 kHz	R	TC
	0,003	150		50 kHz		
		160				

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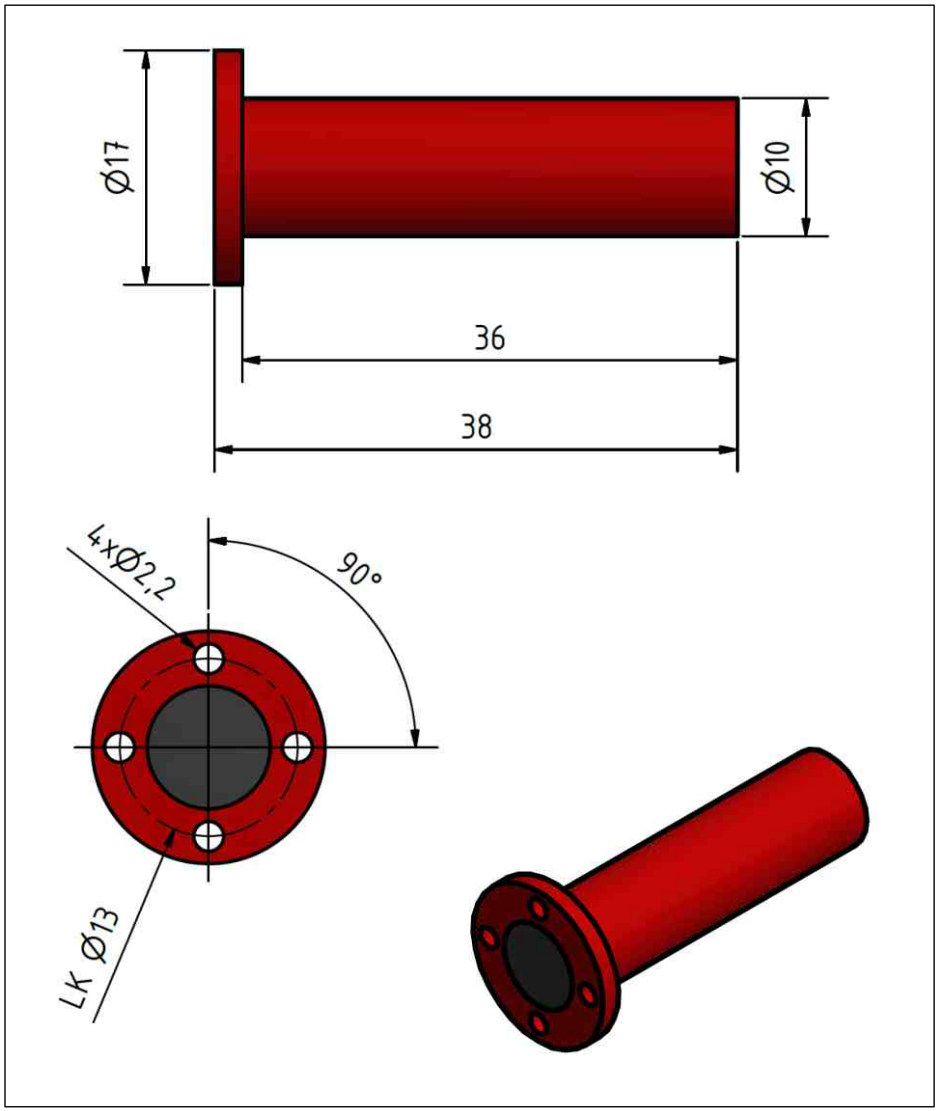
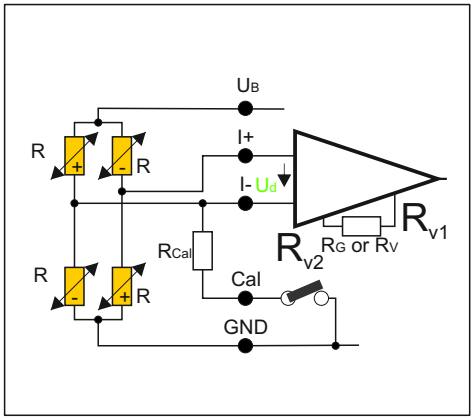
Sensor Signal Amplifier Type 2c (End of shaft, Miniatur Cartridge, Turbine)





1 Channel PCM Transmitter

For strain gage, PT100, thermocouple				
Sensitivity: 0.02 mV/V to 20 mV/V				
Bandwidth: 0 (10) Hz to 50 kHz				
Strain gage brigde supply: 3.3 V				
Strain gage bridge resistance: 350 (120, 1000) Ω				
Transmission: inductive sensor telemetry PCM				
Integrated filter				
Resolution: 16 Bits				
Zero point drift: 0.02, (0.01, 0.003 option)				
Remote shunt calibration				
Remote gain, zero, auto zero with 16 Bit resolution				
Additonal temperature channel (option)				
Enviromental temperature range: -25 to +85°C (125°C, 150°C)				
Max load: 50 000 g (depending on fixing)				
Type: SV_2c_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>				
0,02	85		1 kHz	-
0,01	125	PCM16	10 kHz	R
0,003	150		50 kHz	
	160			

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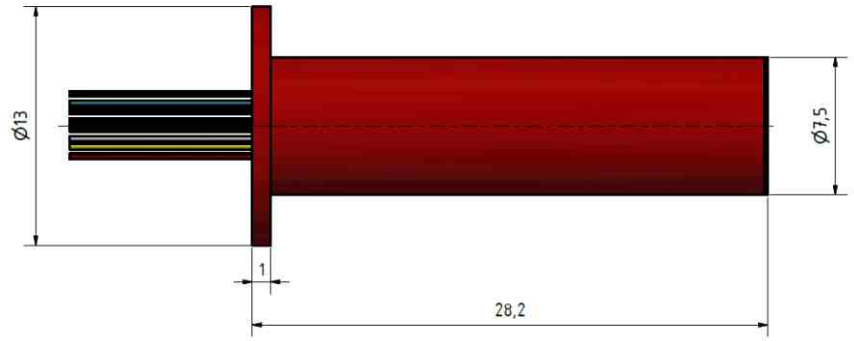
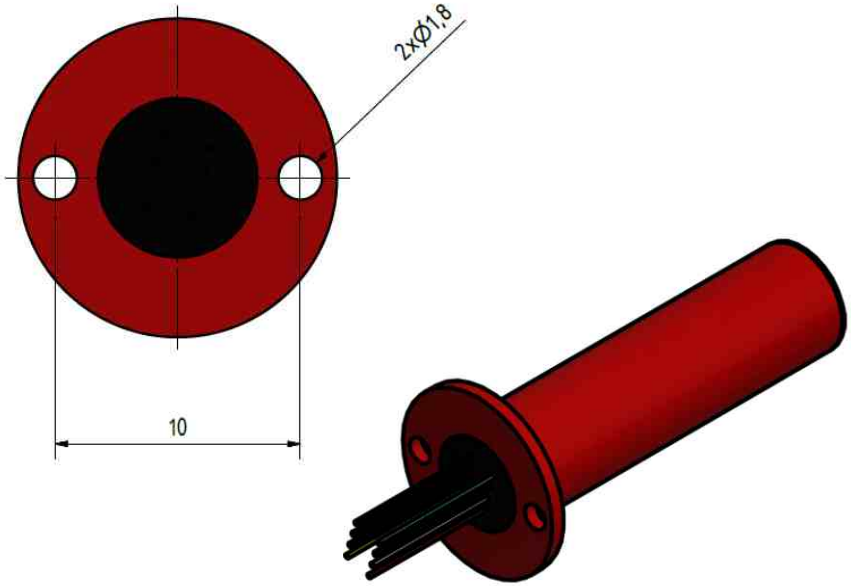
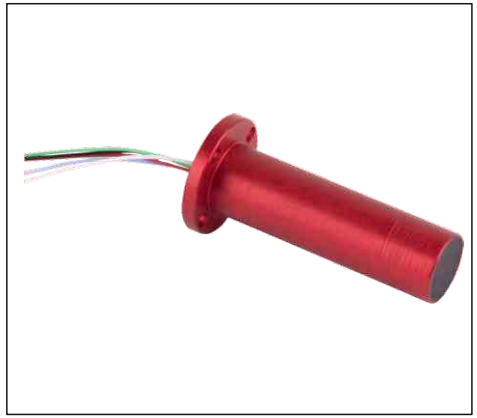
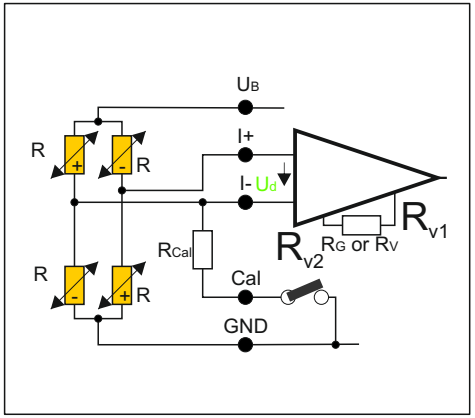
Sensor Signal Amplifier Type 2d (End of shaft, Micro Cartridge, Turbine)

Integrated Rotor Coil









1 Channel PCM Transmitter

For strain gage, PT100, thermocouple				
Sensitivity: 0.02 mV/V to 20 mV/V				
Bandwidth: 0 (10) Hz to 50 kHz				
Strain gage brigde supply: 3.3 V				
Strain gage bridge resistance: 350 (120, 1000) Ω				
Transmission: inductive sensor telemetry PCM				
Integrated filter				
Resolution: 16 Bits				
Zero point drift: 0.02, (0.01, 0.003 option)				
Remote shunt calibration				
Remote gain, zero, auto zero with 16 Bit resolution				
Additonal temperature channel (option)				
Enviromental temperature range: -25 to +85°C (125°C, 160°C)				
Max load: 50 000 g (depending on fixing)				
Type: SV_2d_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>				
0,02	85		1 kHz	-
0,01	125	PCM16	10 kHz	TC
0,003	150		50 kHz	
	160			

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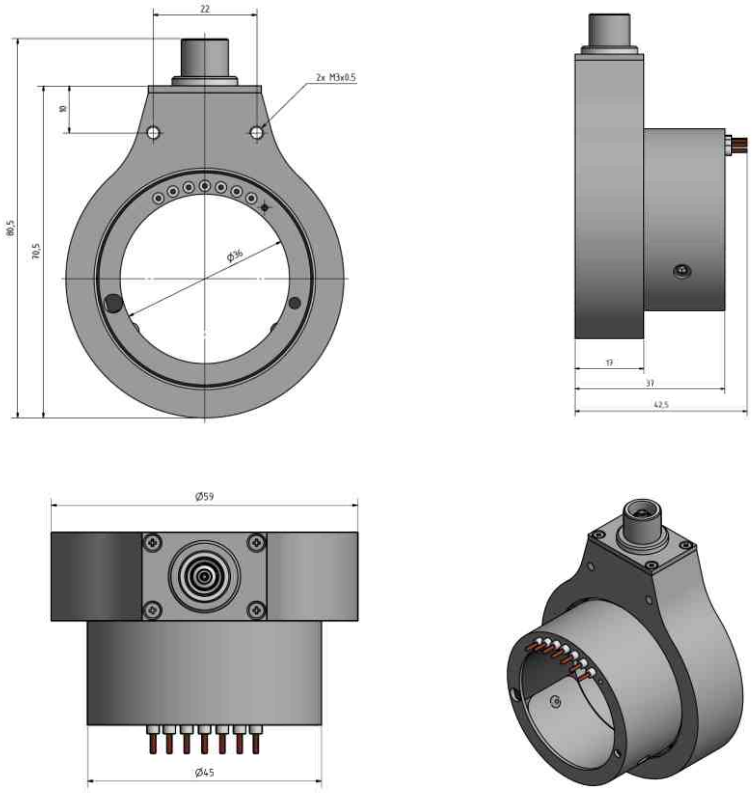
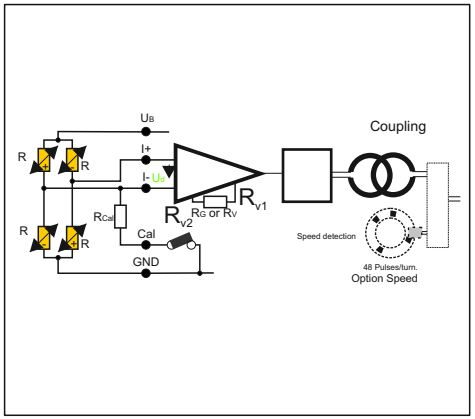
Universal Shaft Transmitter with Sensor Signal Amplifier Type 2La

(non dividable, 1 channel, with/without RMC, without rpm sensor)



Dimensions					
Ø A [mm]	Ø B [mm]	Ø C [mm]	Ø D [mm]	Ø E [mm]	Ø F [mm]
36	45	37	59	70	17
41	50	37	65	76	17
46	55	37	69	83	17
51	60	39	75	90	19



1 Channel PCM Transmitter

- Beared wheel transmitter
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 10 kHz
- Strain gage bridge supply: 3.3 V
- Strain gage bridge resistance: 120, 350, 1000 Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration

Type: SV_2La_<Di>_<Da>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>_<RPM>

in mm						
36	59	-10 + 85°C	PCM16	1 kHz	-	-
41	65	-25 +125°C		10 kHz	R	TC
46	69	-45 + 85°C		50 kHz		
51	75	-45 + 125°C				
		-25 +160°C				

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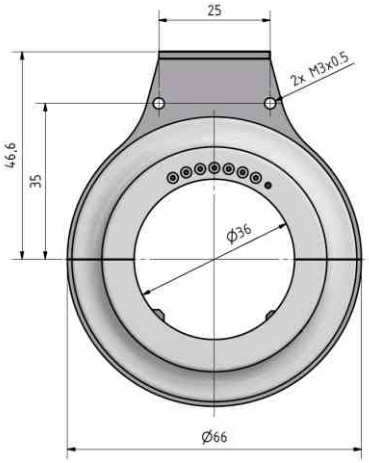
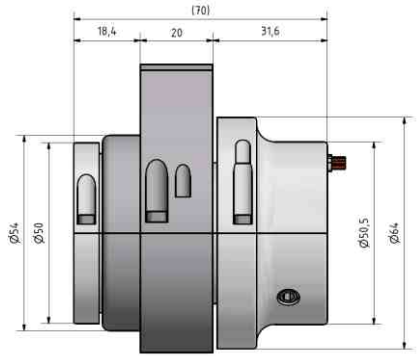
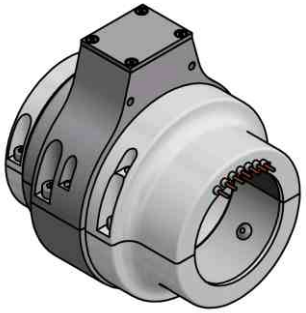
Universal Shaft Transmitter with Sensor Signal Amplifier Type 2Lg

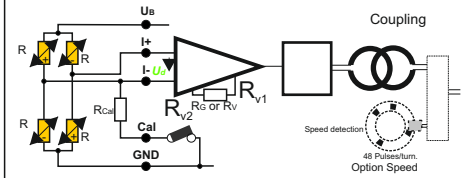
(dividable, 1 channel, with/without RMC, without rpm sensor)







Dimensions				
Ø A [mm]	Ø B [mm]	Ø C [mm]	Ø D [mm]	Ø E [mm]
36	50	70	66	80
41	55	73	71	85
46	60	75	76	90



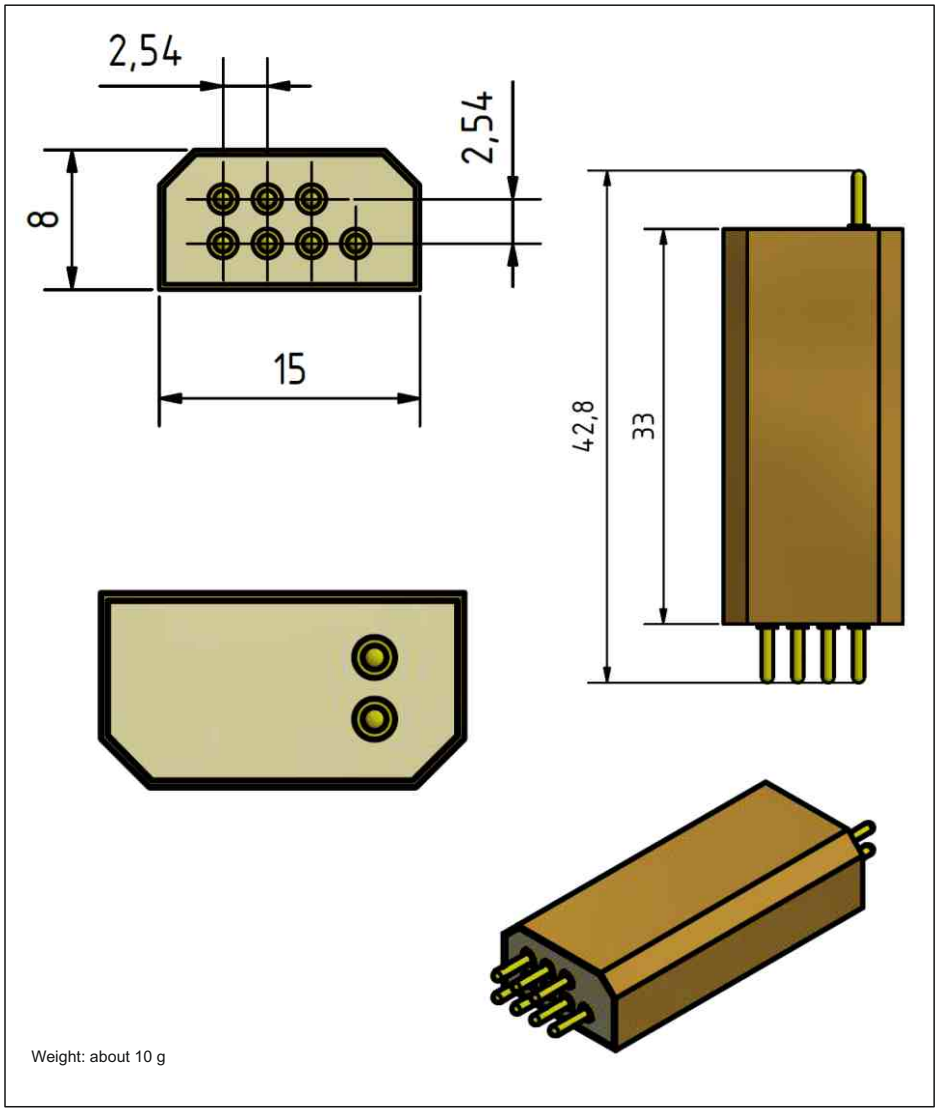
1 Channel PCM Transmitter

- Beared wheel transmitter
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 10 kHz
- Strain gage bridge supply: 3.3 V
- Strain gage bridge resistance: 120, 350, 1000 Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration

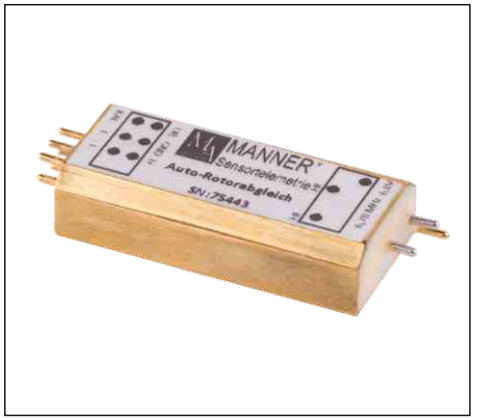
Type: SV_2Lg_<Di>_<Da>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>_<RPM>

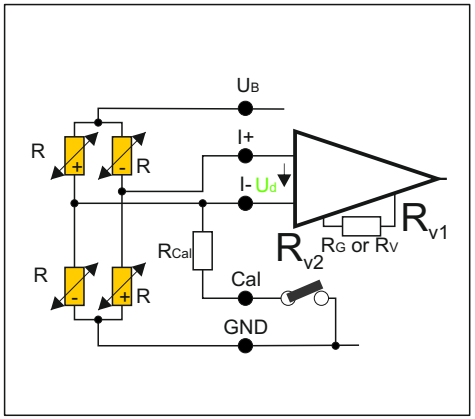
in mm							
36	59	-10 + 85°C	PCM16	1 kHz	-	-	-
41	65	-25 +125°C		10 kHz	R	TC	24
46	69	-45 + 85°C					
51	75	-45 +125°C					
		-25 +160°C					

Sensor Signal Amplifier Type 3a



Weight: about 10 g





1 Channel PCM Transmitter

For strain gage, PT100, thermocouple						
Sensitivity: 0.02 mV/V to 20 mV/V						
Bandwidth: 0 (10) Hz to 50 kHz						
Strain gage brigde supply: 3.3 V						
Strain gage bridge resistance: 350 (120, 1000) Ω						
Transmission: inductive sensor telemetry PCM						
Integrated filter						
Resolution: 16 Bits						
Zero point drift: 0.02, (0.01, 0.003 option)						
Remote shunt calibration						
Remote gain, zero, auto zero with 16 Bit resolution						
Additonal temperature channel (option)						
Enviromental temperature range: -25 to +85°C (125°C, 160°C)						
Max load: 50 000 g (depending on fixing)						
Type: SV_3a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>						
	0,02	85		1 kHz	-	
	0,01	125	PCM16	10 kHz	R	TC
	0,003	150		50 kHz		
		160				

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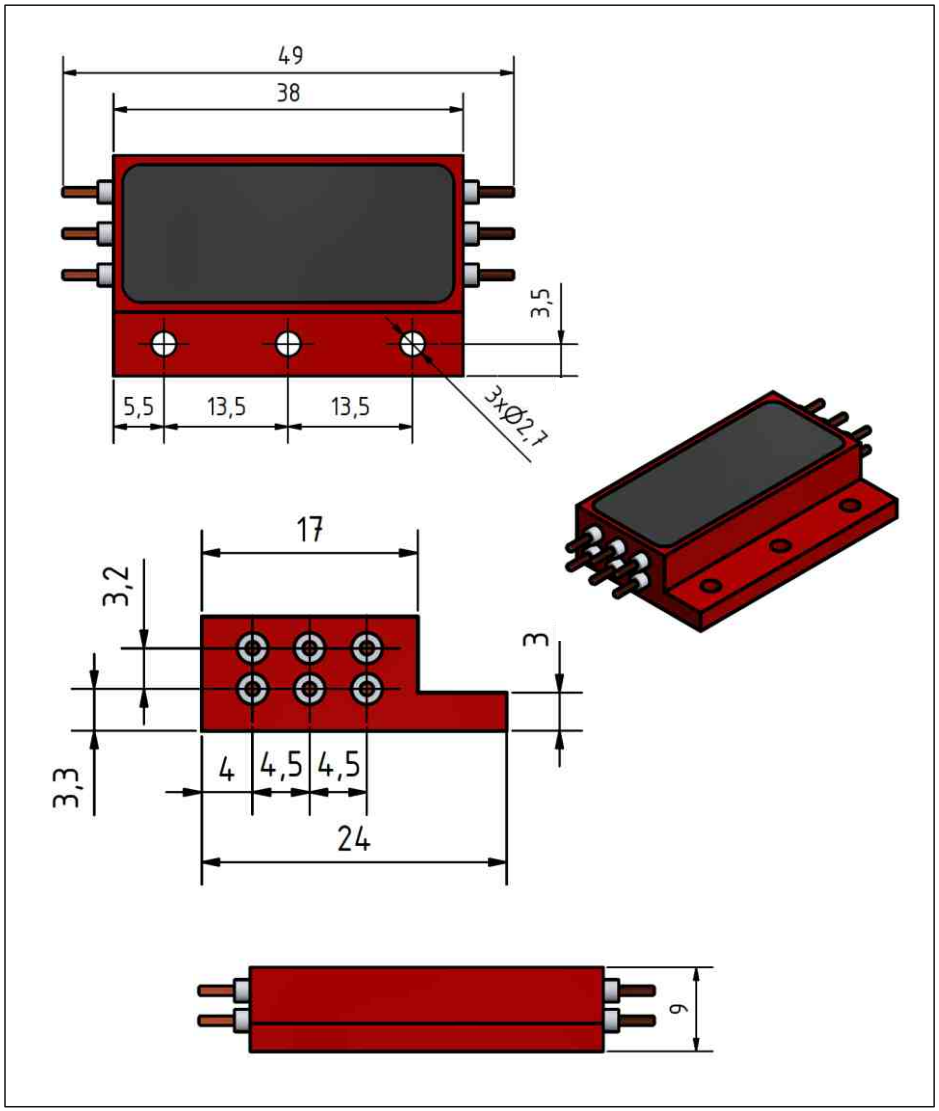
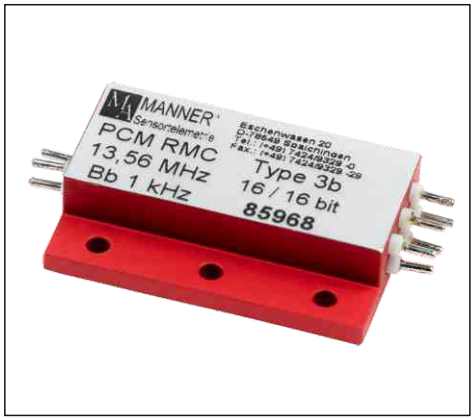
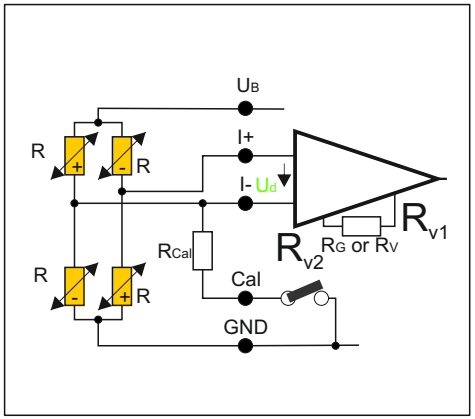
Sensor Signal Amplifier Type 3b





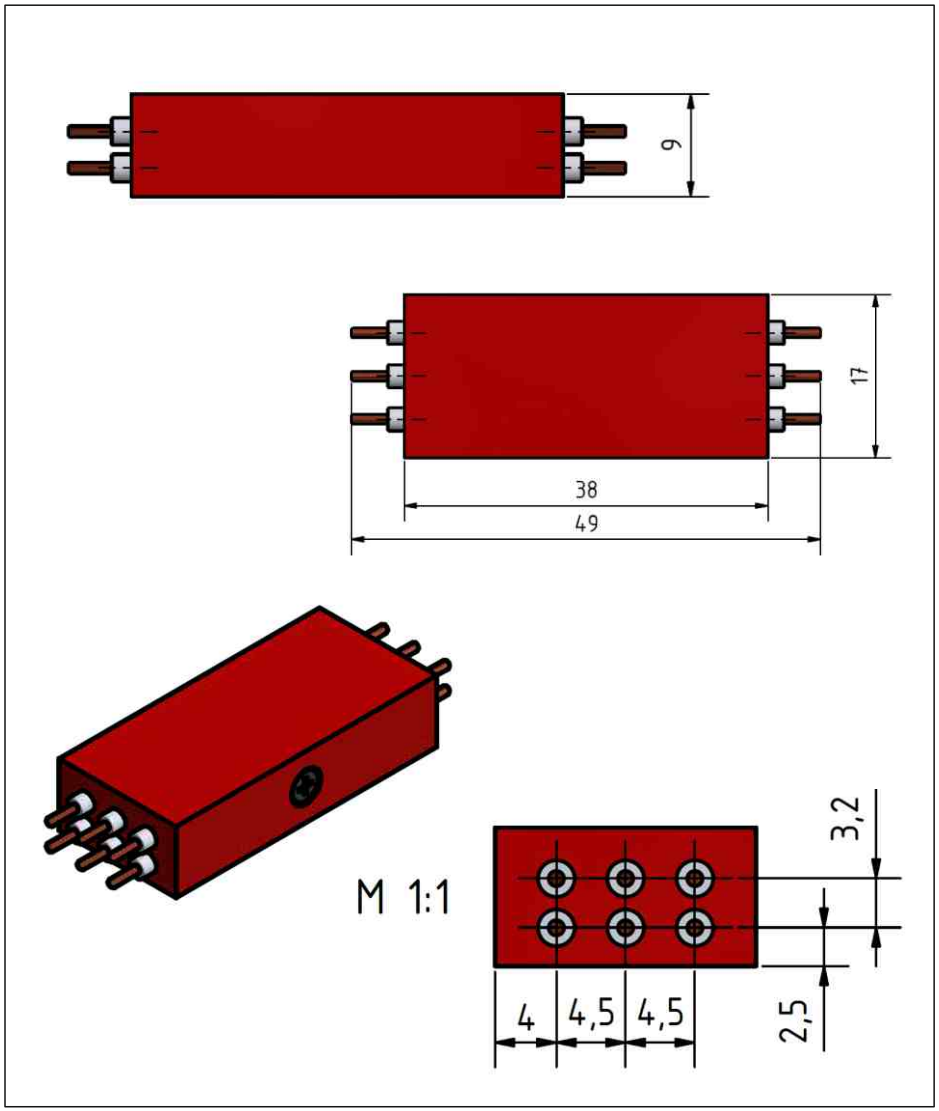


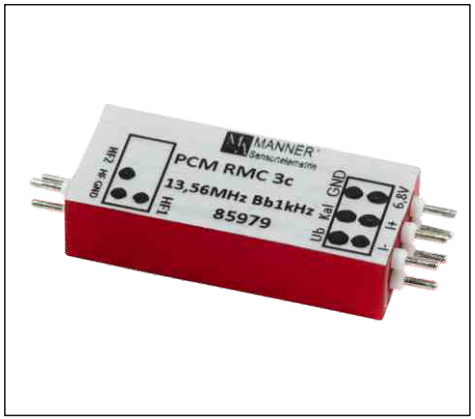
1 Channel PCM Transmitter

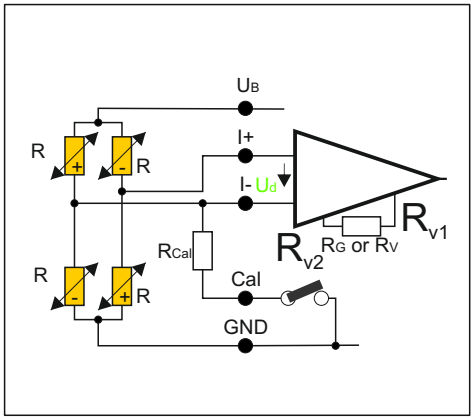
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_3b_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>

0,02	85		1 kHz	-	
0,01	125	PCM16	10 kHz	R	TC
0,003	150		50 kHz		
	160				

Sensor Signal Amplifier Type 3c



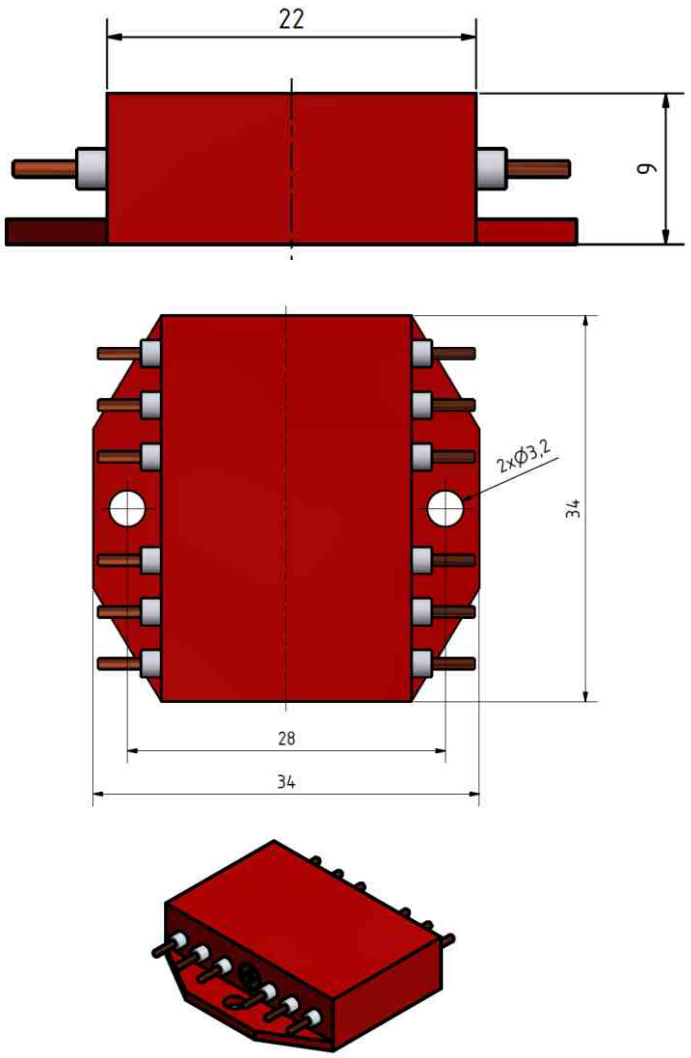


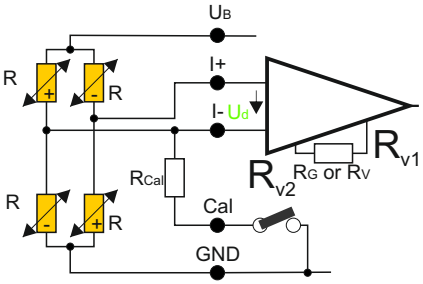


1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_3c_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85		1 kHz	-	
0,01	125	PCM16	10 kHz	R	TC
0,003	150		50 kHz		
	160				

Sensor Signal Amplifier Type 4a

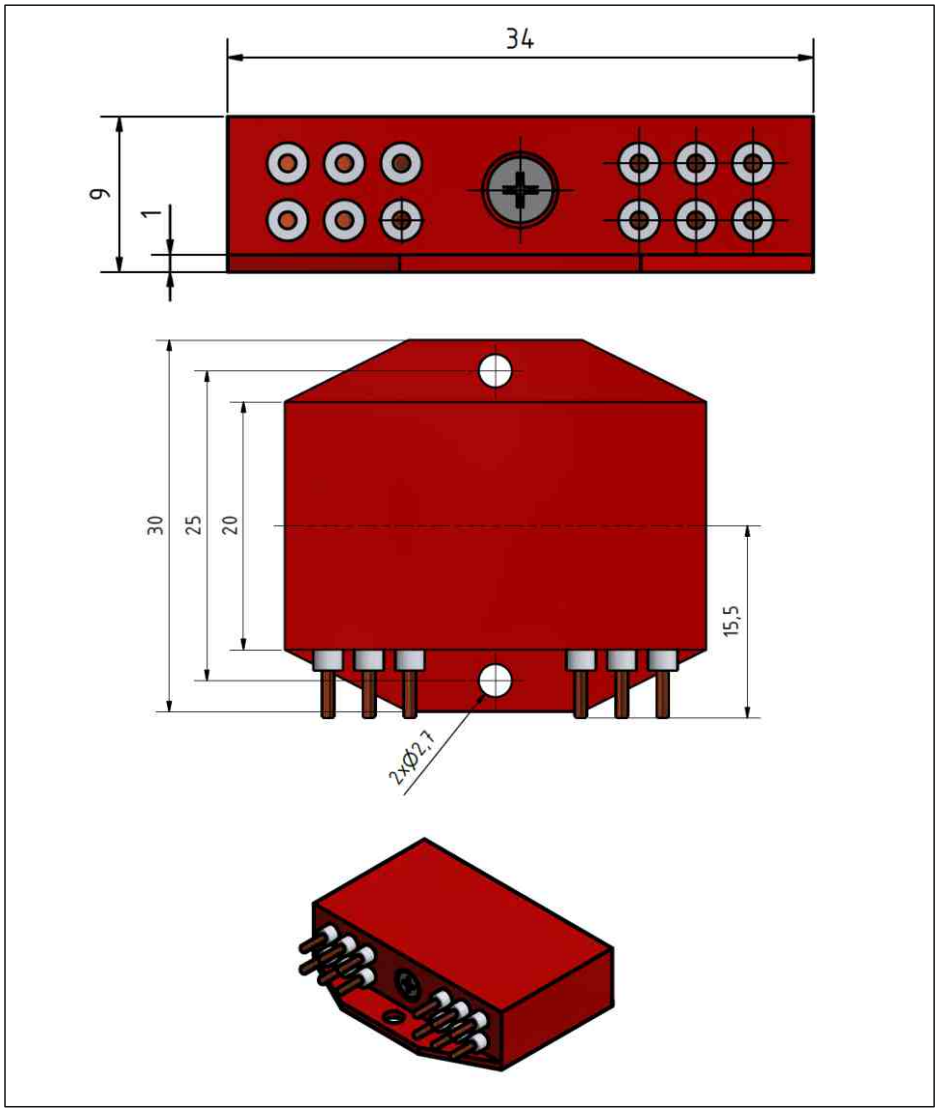


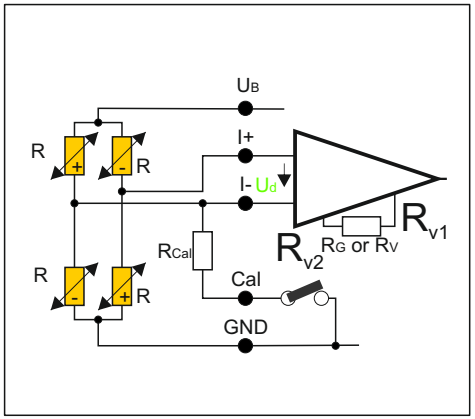


1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_4a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
	0,02	85		1 kHz	-	
	0,01	125	PCM16	10 kHz	R	TC
	0,003	150		50 kHz		
		160				

Sensor Signal Amplifier Type 4b





1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_4b_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85		1 kHz	-	
0,01	125	PCM16	10 kHz	R	TC
0,003	150		50 kHz		
	160				

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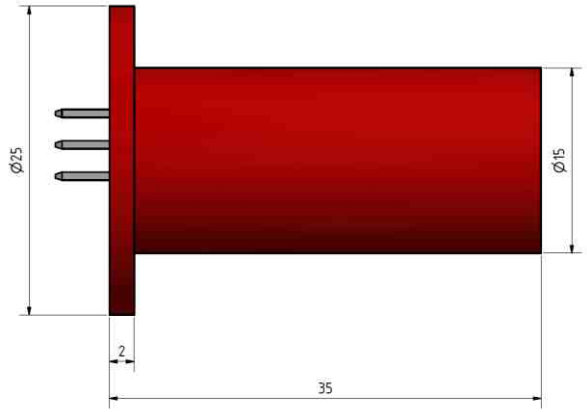
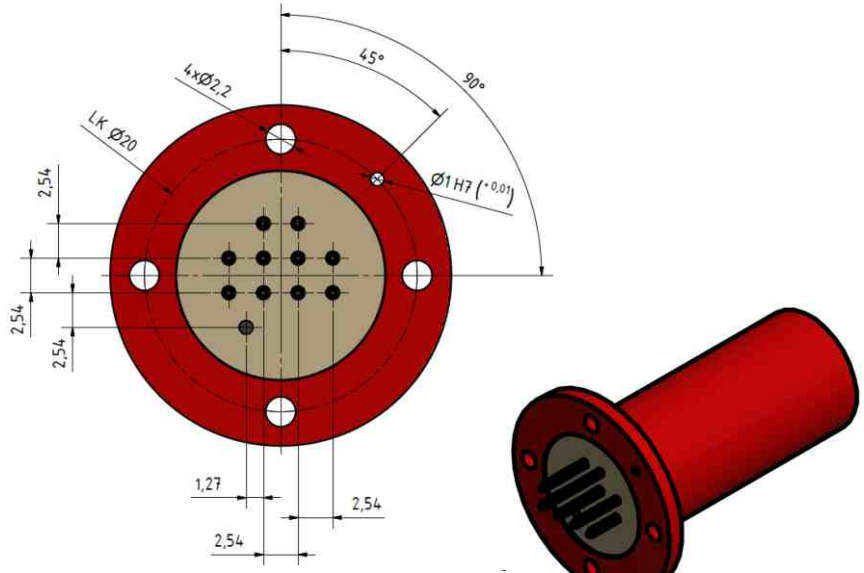
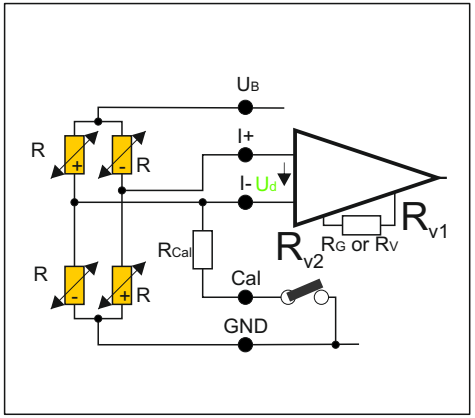
Sensor Signal Amplifier Type 5a



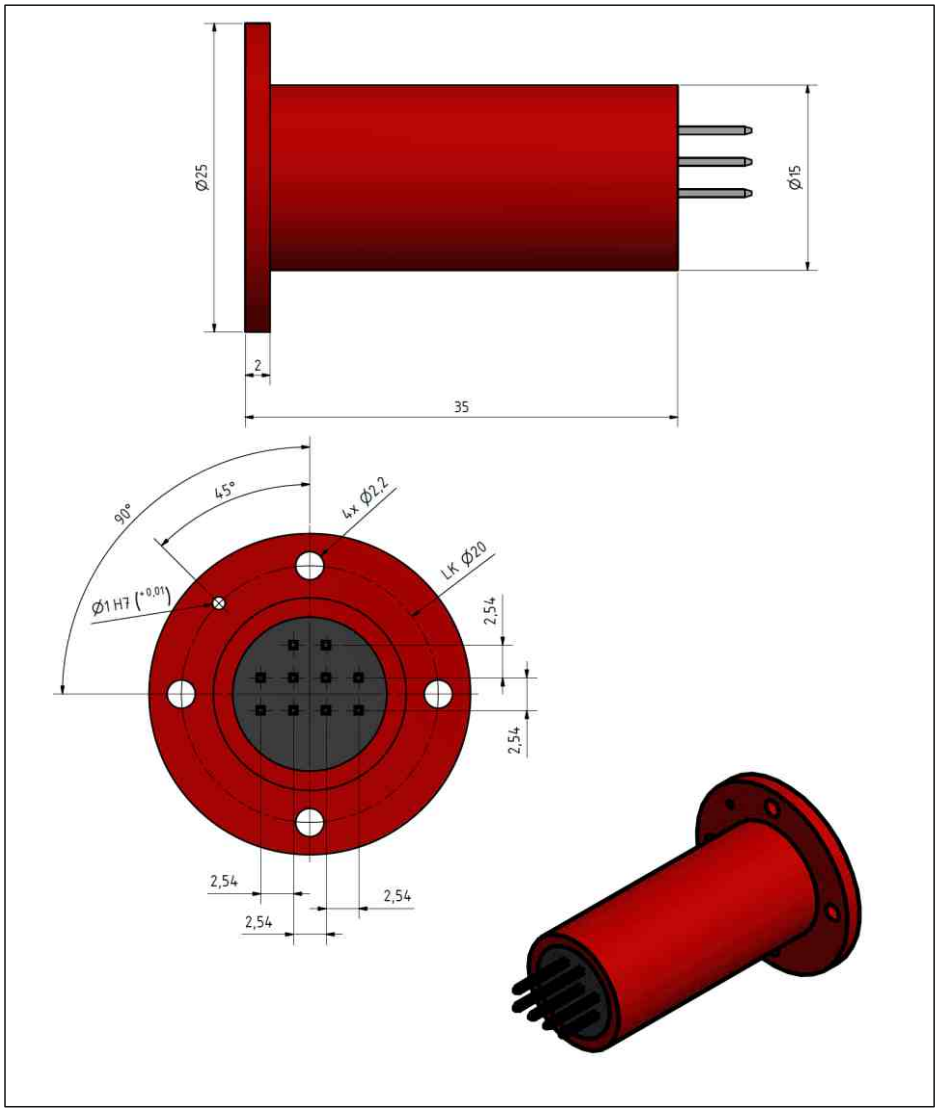


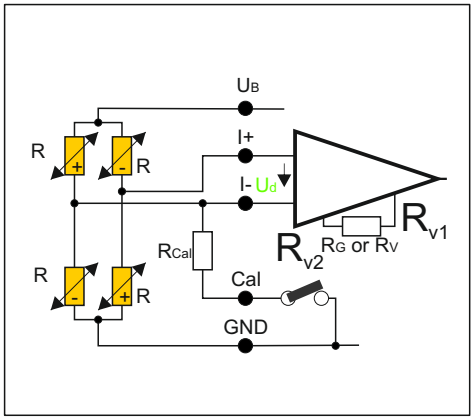


1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_5a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85		1 kHz	-	
0,01	125	PCM16	10 kHz	R	TC
0,003	150		50 kHz		
	160				

Sensor Signal Amplifier Type 5b

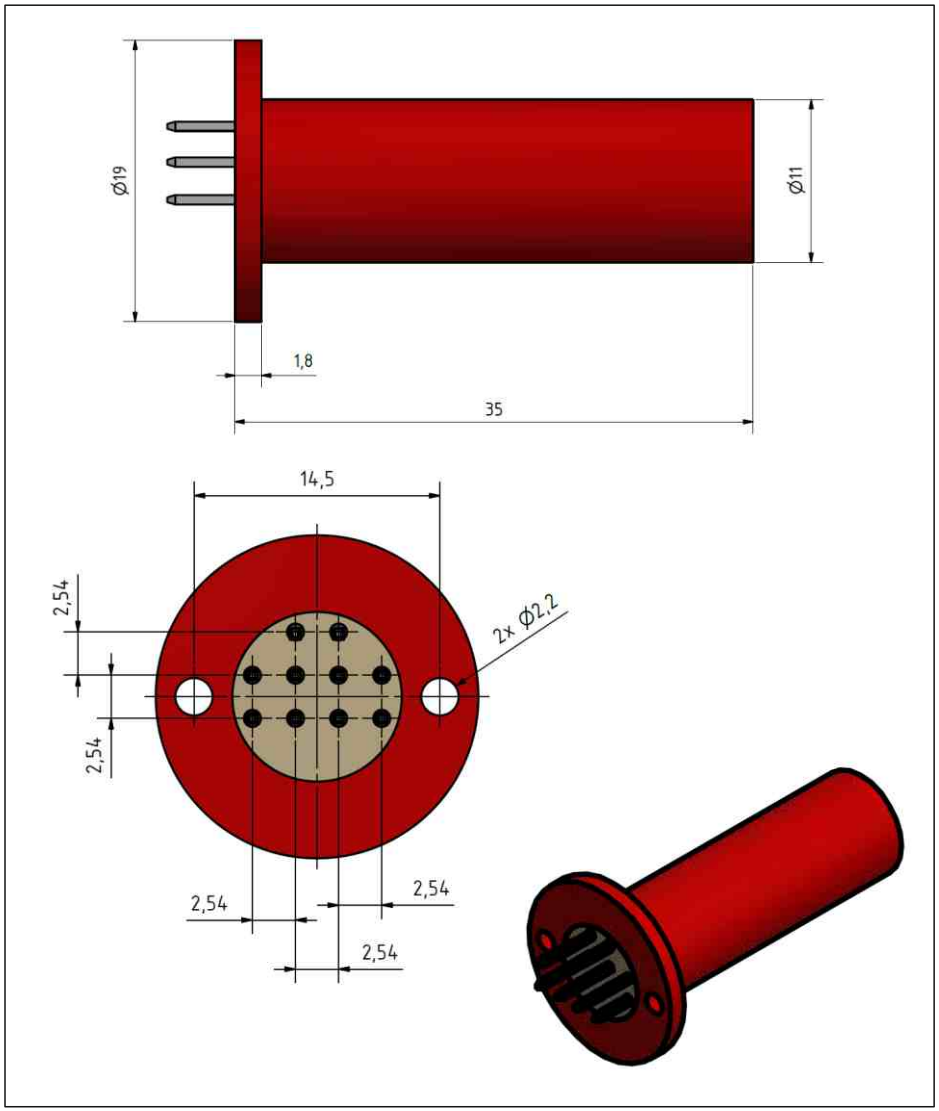


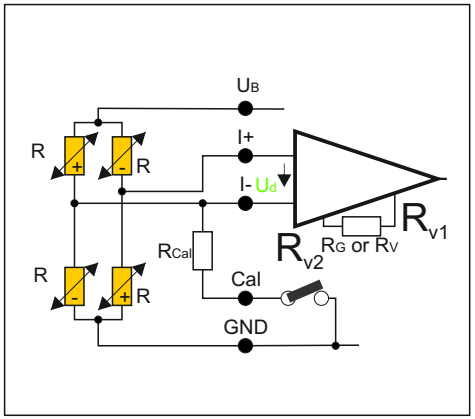


1 Channel PCM Transmitter

For strain gage, PT100, thermocouple						
Sensitivity: 0.02 mV/V to 20 mV/V						
Bandwidth: 0 (10) Hz to 50 kHz						
Strain gage brigde supply: 3.3 V						
Strain gage bridge resistance: 350 (120, 1000) Ω						
Transmission: inductive sensor telemetry PCM						
Integrated filter						
Resolution: 16 Bits						
Zero point drift: 0.02, (0.01, 0.003 option)						
Remote shunt calibration						
Remote gain, zero, auto zero with 16 Bit resolution						
Additonal temperature channel (option)						
Enviromental temperature range: -25 to +85°C (125°C, 160°C)						
Max load: 50 000 g (depending on fixing)						
Type: SV_5b_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>						
	0,02	85		1 kHz	-	
	0,01	125	PCM16	10 kHz	R	TC
	0,003	150		50 kHz		
		160				

Sensor Signal Amplifier Type 5c (Miniature Patrone)





1 Channel PCM Transmitter

For strain gage, PT100, thermocouple						
Sensitivity: 0.02 mV/V to 20 mV/V						
Bandwidth: 0 (10) Hz to 50 kHz						
Strain gage brigde supply: 3.3 V						
Strain gage bridge resistance: 350 (120, 1000) Ω						
Transmission: inductive sensor telemetry PCM						
Integrated filter						
Resolution: 16 Bits						
Zero point drift: 0.02, (0.01, 0.003 option)						
Remote shunt calibration						
Remote gain, zero, auto zero with 16 Bit resolution						
Additonal temperature channel (option)						
Enviromental temperature range: -25 to +85°C (125°C, 160°C)						
Max load: 50 000 g (depending on fixing)						
Type: SV_5c_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>						
	0,02	85		1 kHz	-	
	0,01	125	PCM16	10 kHz	RC	TC
	0,003	150		50 kHz		
		160				

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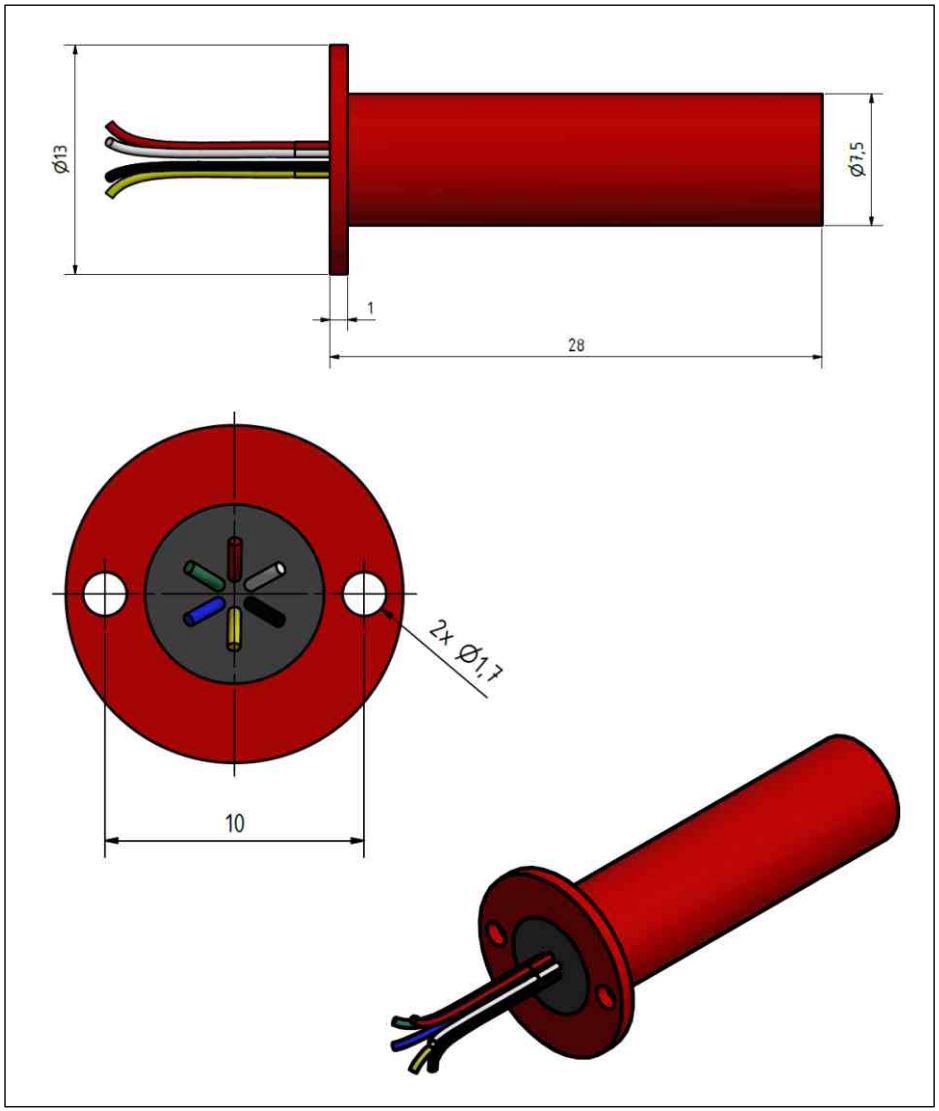
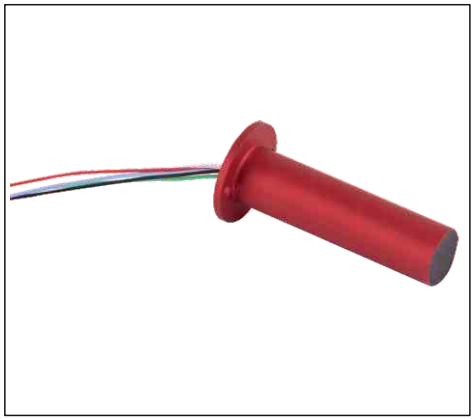
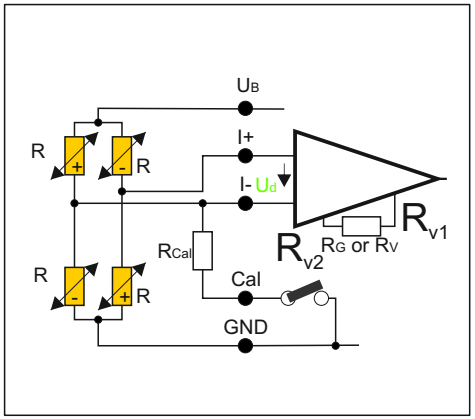
Sensor Signal Amplifier Type 5d (Super Miniature Patrone)







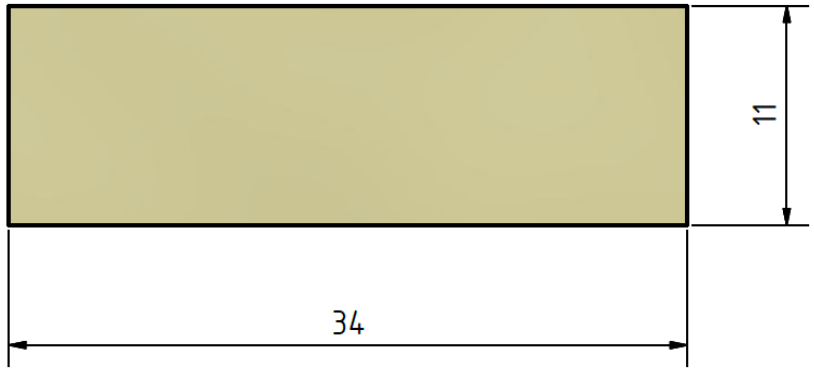
1 Channel PCM Transmitter

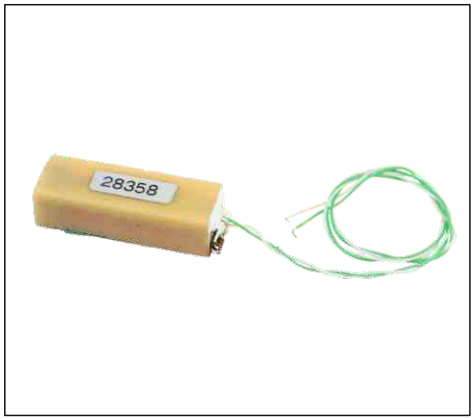
For strain gage, PT100, thermocouple
Sensitivity: 0.1 mV/V to 20 mV/V
Bandwidth: 0 (10) Hz to 1 kHz
Strain gage brigde supply: 3.3 V
Strain gage bridge resistance: 350 (120, 1000) Ω
Transmission: inductive sensor telemetry PCM
Integrated filter
Resolution: 16 Bits
Zero point drift: 0.02, (0.01 option)
Enviromental temperature range: -25 to +85°C (125°C, 150°C)
Max load: 50 000 g (depending on fixing)

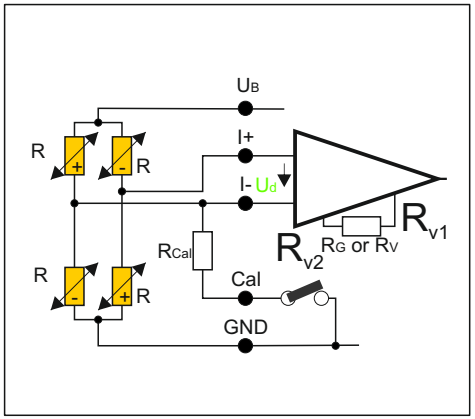
Type: SV_5d_<accuracy>_<temp>_<mod>_<bandwidth>_<TC>

0,02	85	PCM16	1 kHz	-
0,01	125			TC
	150			E
	160			

Miniatur Sensor Signal Amplifier Type 7a (Flatchip)



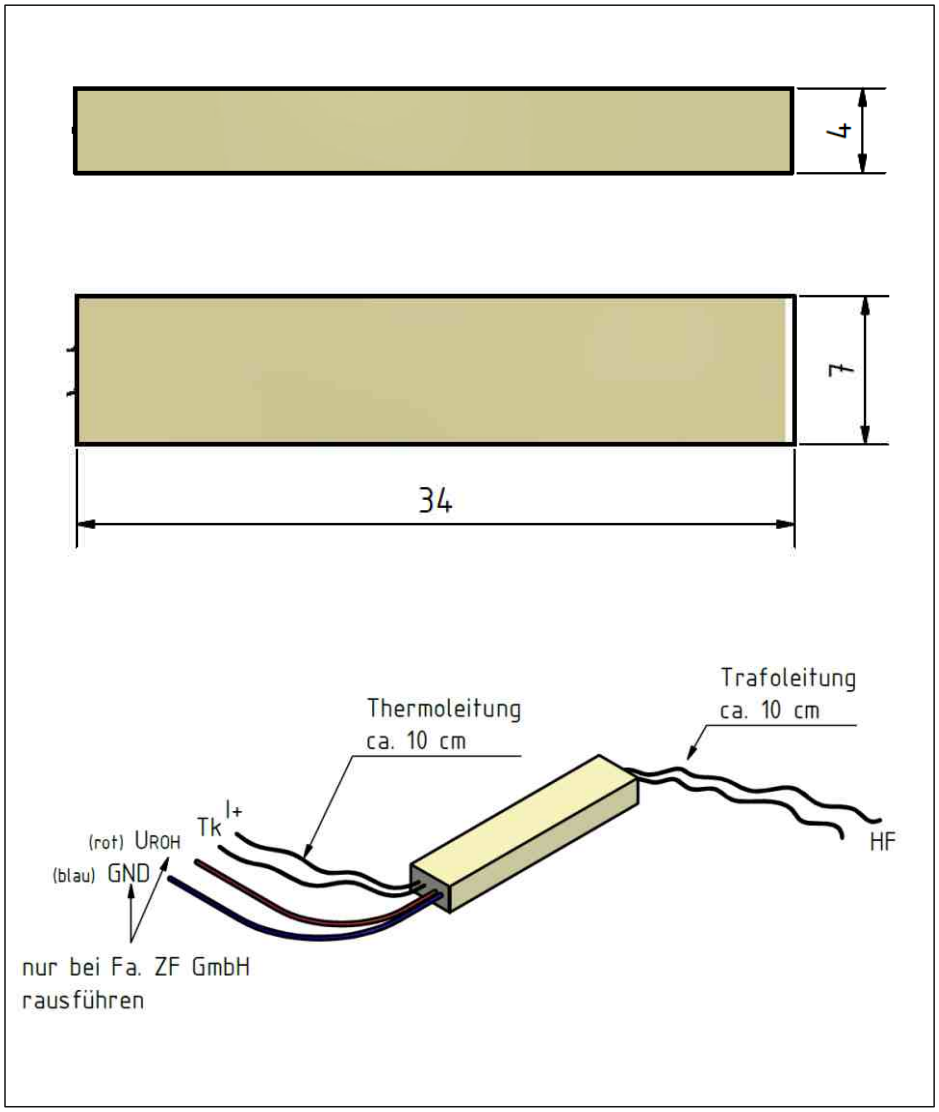


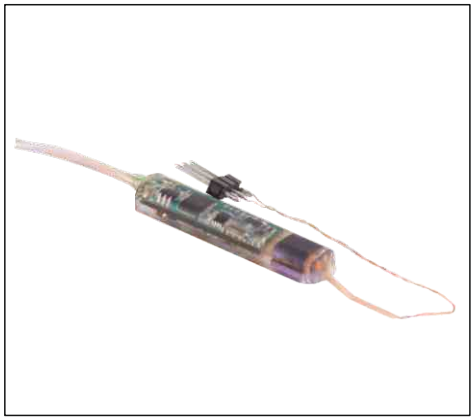


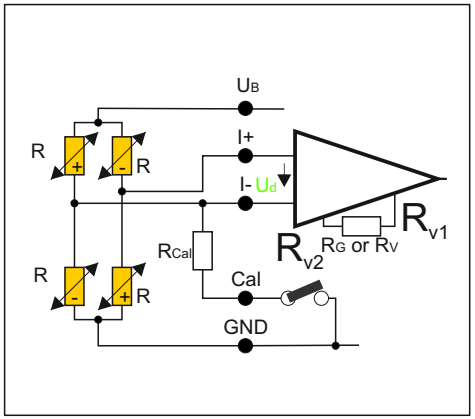
1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_7a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
	0,02	85		1 kHz	-
	0,01	125	PCM16	10 kHz	R TC
	0,003	150		50 kHz	
		160			

Super Miniatur Sensor Signal Amplifier Type 7b Micro (Flatchip)





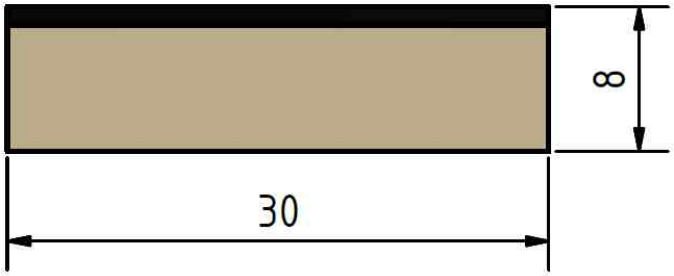


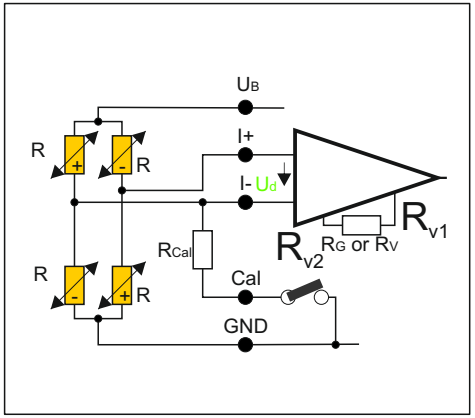
1 Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 10 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
fixed gain					
Enviromental temperature range: -25 to +85°C (125°C, 160°C, 180°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_7b_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85		1 kHz	-	-
0,01	125	PCM16	10 kHz		TC
0,003	150				
	160				

Miniatur Sensor Signal Amplifier Type 7ke (Flatchip)

with integrated Antenna (special for Chain Application)





1 Channel PCM Transmitter with Antenna

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 20 mV/V					
Bandwidth: 0 (10) Hz to 50 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_7a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
	0,02	85		1 kHz	-	
	0,01	125	PCM16	10 kHz	R	TC
	0,003	150		50 kHz		
		160				

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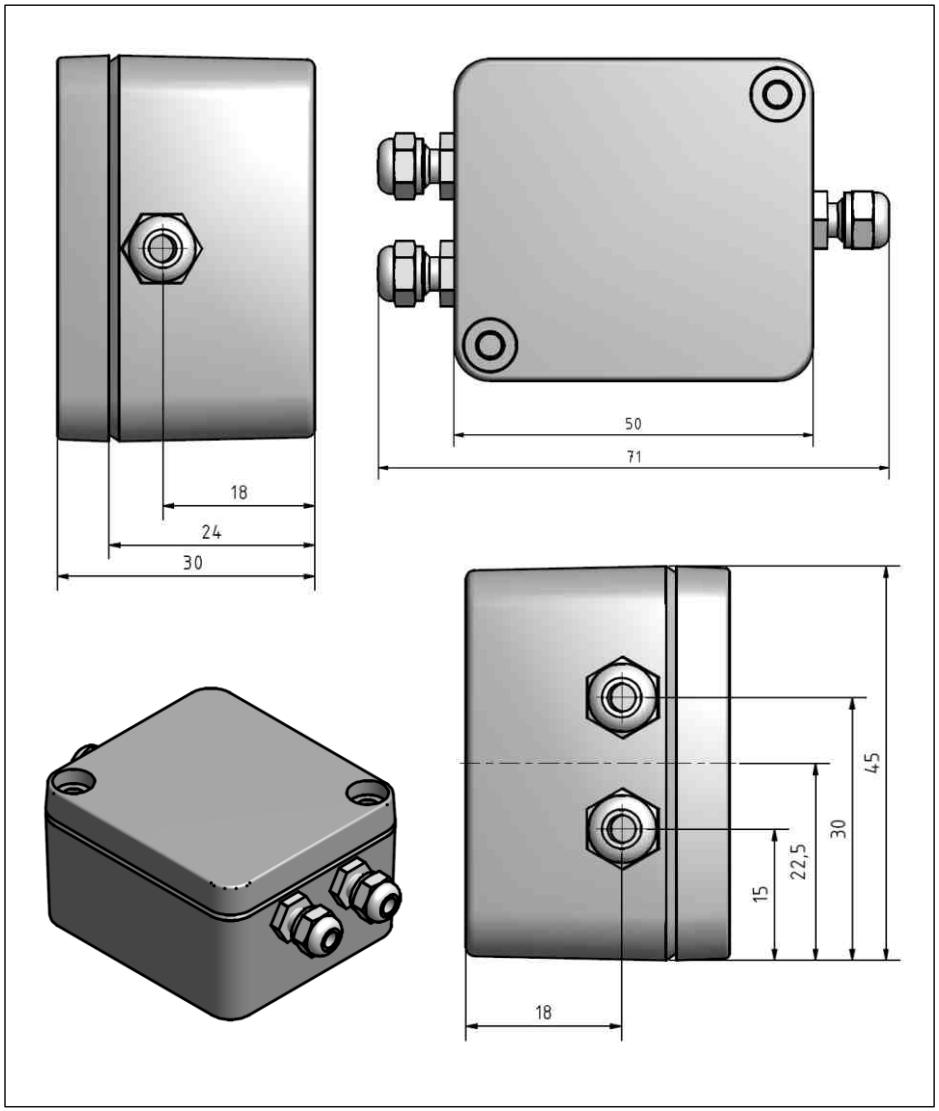
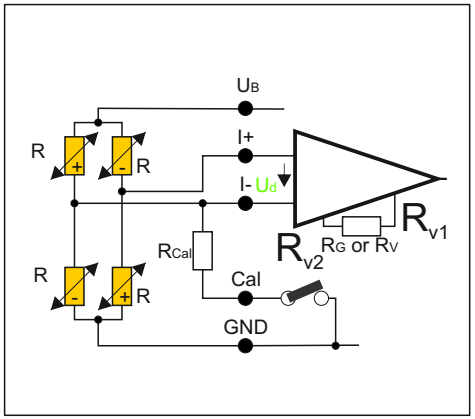
Waterproof Sensor Signal Amplifier Type 8a





1 Channel PCM Transmitter with Antenna

- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

0,02	85	-	FM	1 kHz	-	-	
0,01	125	Fu	PCM16	10 kHz	R	TC	
0,003	150			50 kHz			
	160						

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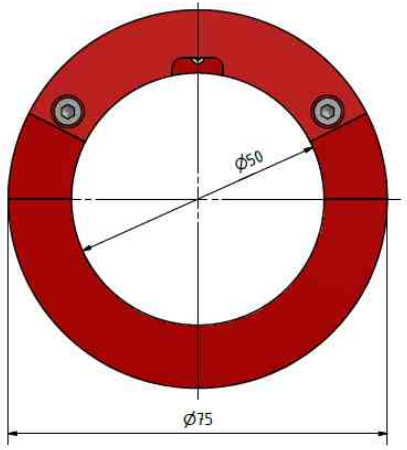
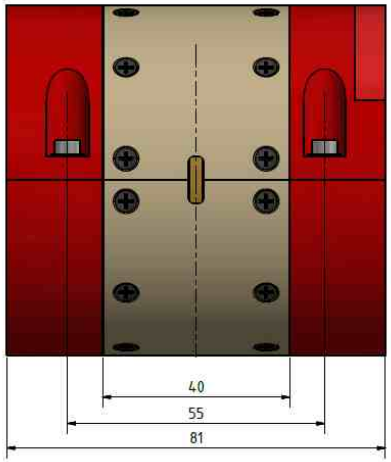
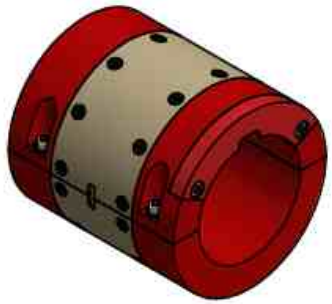
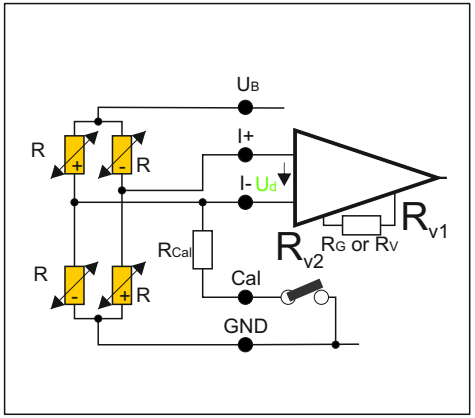
Sensor Signal Amplifier Type 9 flex D50

especially for Driveshaftes









1 Channel PCM Transmitter with Antenna

- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

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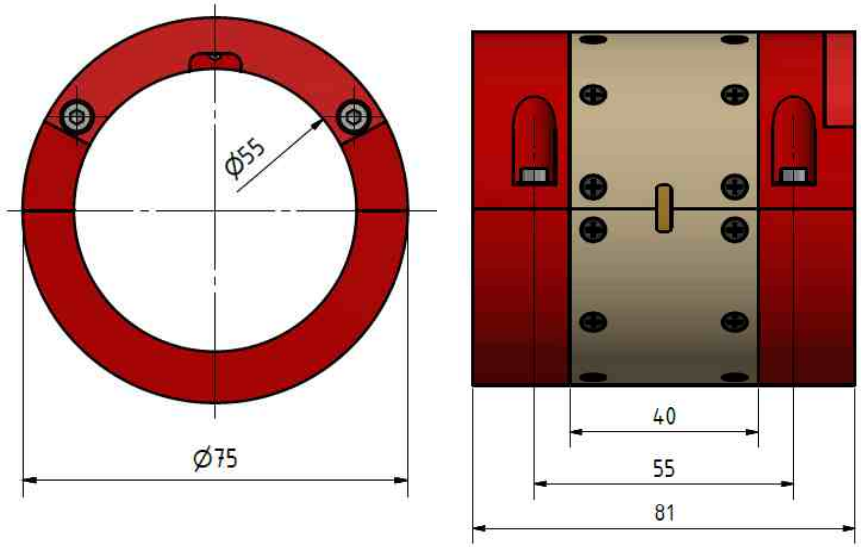
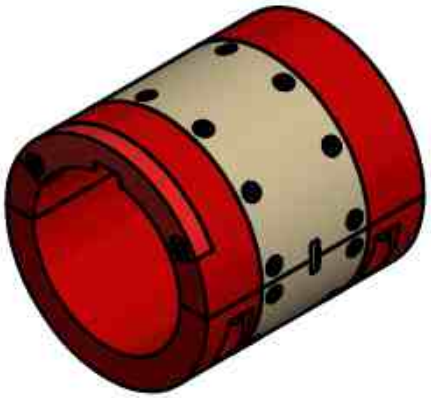
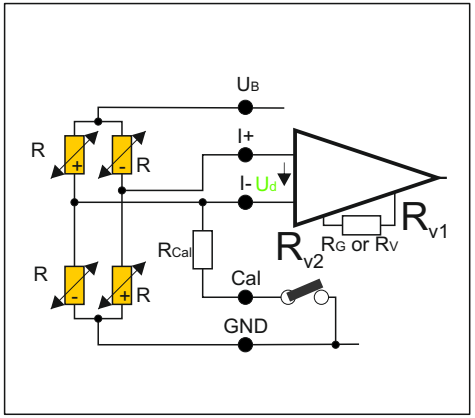
Sensor Signal Amplifier Type 9 flex D55

especially for Driveshaftes







1 Channel PCM Transmitter with Antenna

- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

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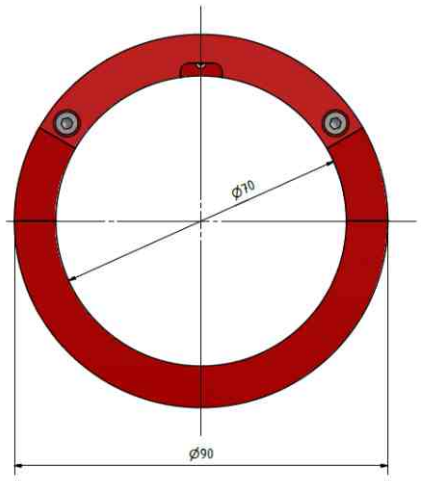
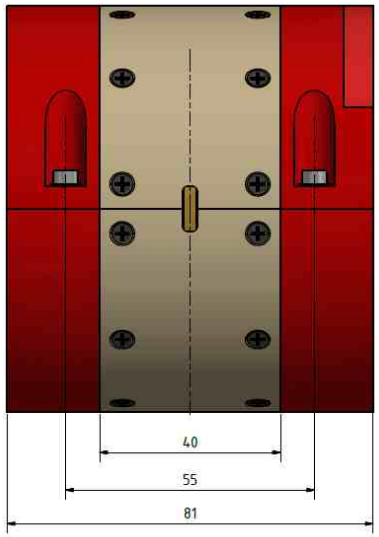
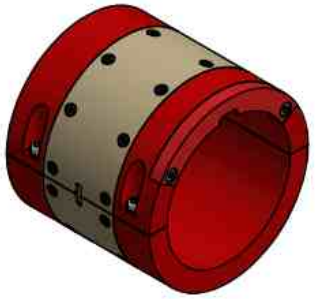
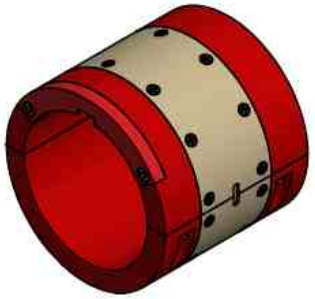
Sensor Signal Amplifier Type 9 flex D70

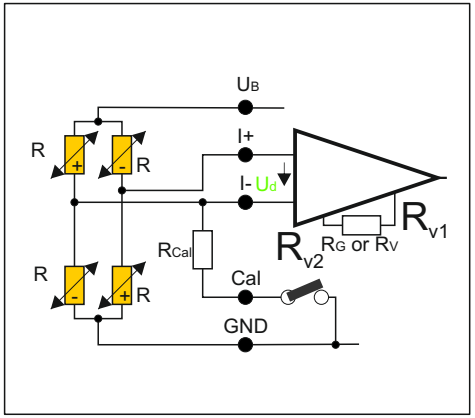
especially for Driveshaftes











1 Channel PCM Transmitter with Antenna

For strain gage, PT100, thermocouple

Sensitivity: 0.02 mV/V to 20 mV/V

Bandwidth: 0 (10) Hz to 50 kHz

Strain gage brigde supply: 3.3 V

Strain gage bridge resistance: 350 (120, 1000) Ω

Transmission: inductive sensor telemetry PCM

Integrated filter

Resolution: 16 Bits

Zero point drift: 0.02, (0.01, 0.003 option)

Remote shunt calibration

Remote gain, zero, auto zero with 16 Bit resolution

Additonal temperature channel (option)

Enviromental temperature range: -25 to +85°C (125°C, 160°C)

Max load: 50 000 g (depending on fixing)

Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

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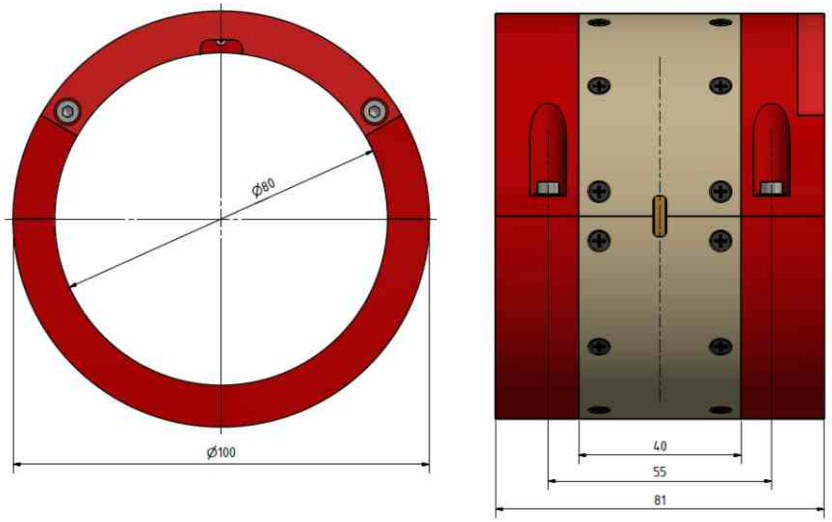
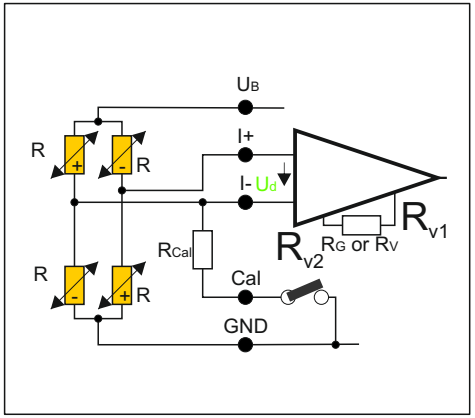
Sensor Signal Amplifier Type 9 flex D80

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

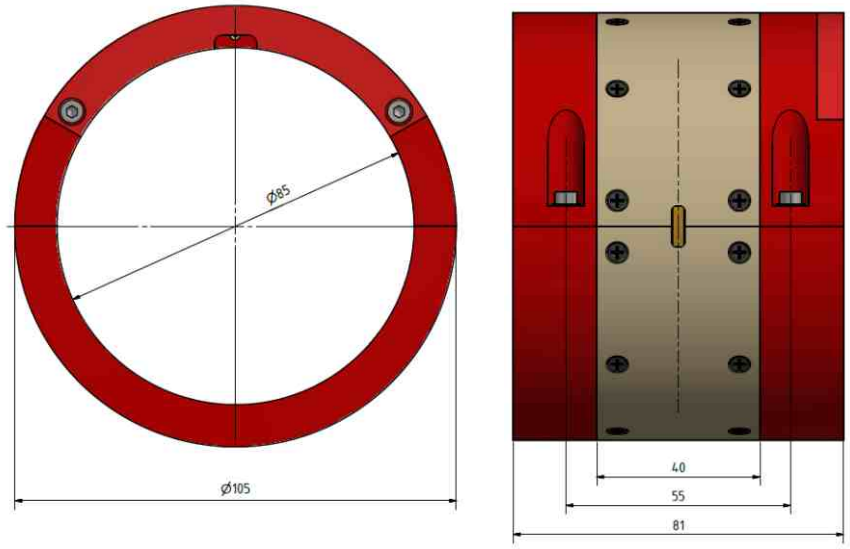
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

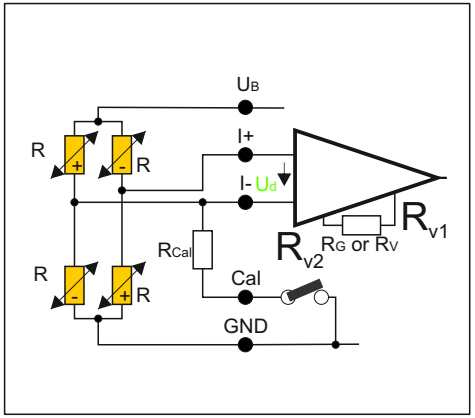
0,02	85	-	FM	1 kHz	-	-	
0,01	125	Fu	PCM16	10 kHz	R	TC	
0,003	150			50 kHz			
	160						

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 flex D85

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

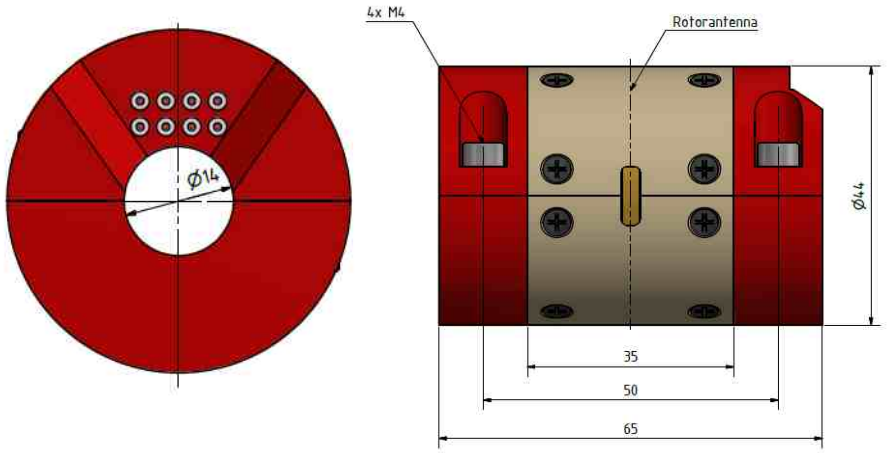
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

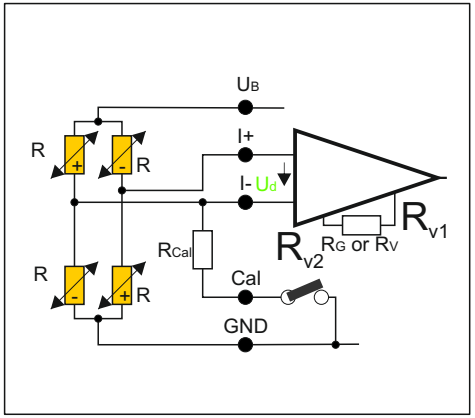
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

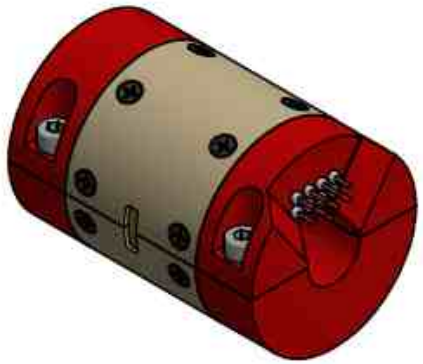
MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D14

especially for Driveshaftes







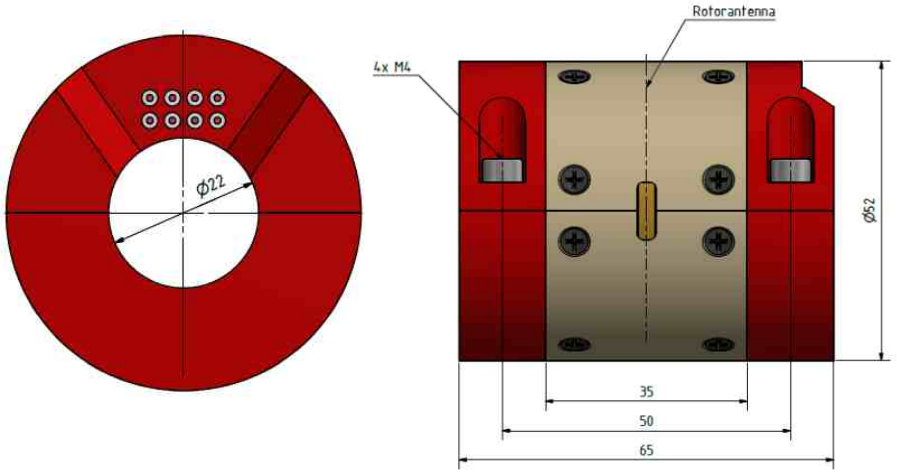
1 Channel PCM Transmitter with Antenna

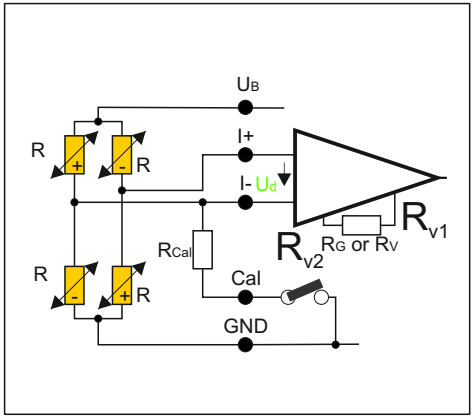
For strain gage, PT100, thermocouple							
Sensitivity: 0.02 mV/V to 20 mV/V							
Bandwidth: 0 (10) Hz to 50 kHz							
Strain gage brigde supply: 3.3 V							
Strain gage bridge resistance: 350 (120, 1000) Ω							
Transmission: inductive sensor telemetry PCM							
Integrated filter							
Resolution: 16 Bits							
Zero point drift: 0.02, (0.01, 0.003 option)							
Remote shunt calibration							
Remote gain, zero, auto zero with 16 Bit resolution							
Additonal temperature channel (option)							
Enviromental temperature range: -25 to +85°C (125°C, 160°C)							
Max load: 50 000 g (depending on fixing)							
Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>							
	0,02	85	-	FM	1 kHz	-	-
	0,01	125	Fu	PCM16	10 kHz	R	TC
	0,003	150			50 kHz		
		160					

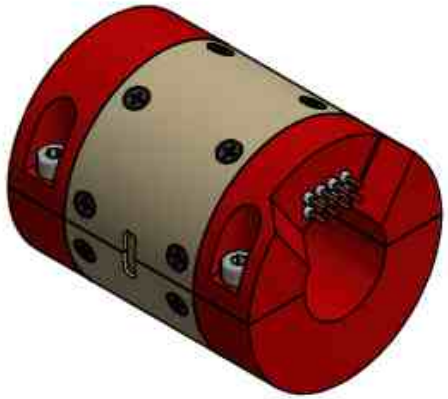
MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D22

especially for Driveshaftes







1 Channel PCM Transmitter with Antenna

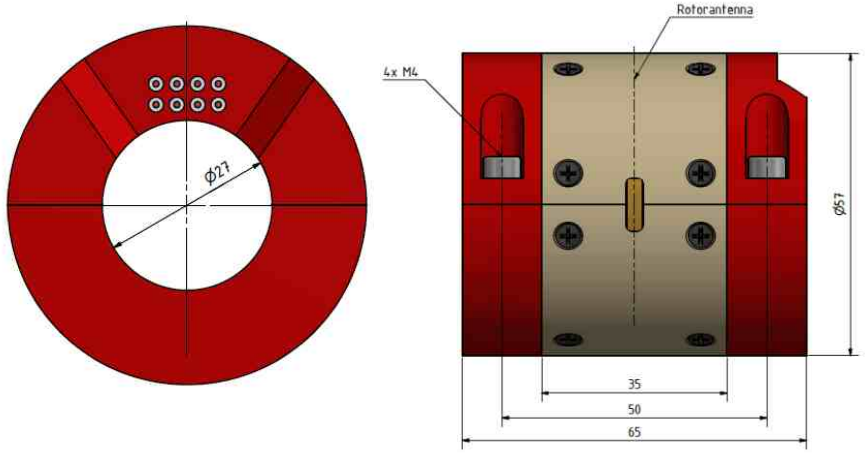
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

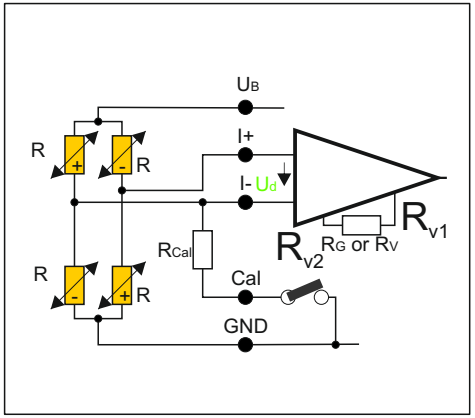
0,02	85	-	FM	1 kHz	-	-	
0,01	125	Fu	PCM16	10 kHz	R	TC	
0,003	150			50 kHz			
	160						

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D27

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

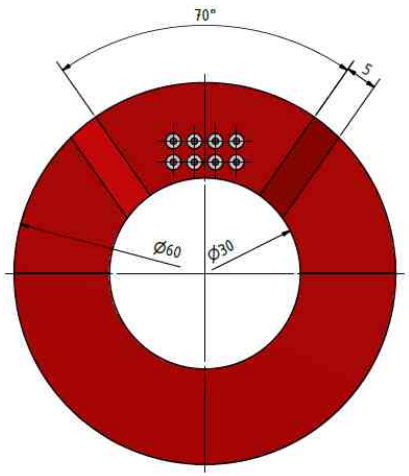
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

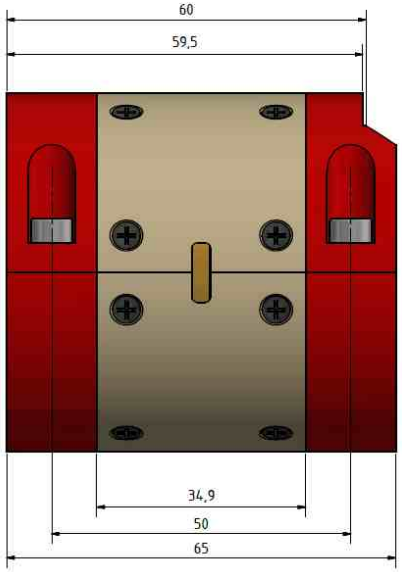
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

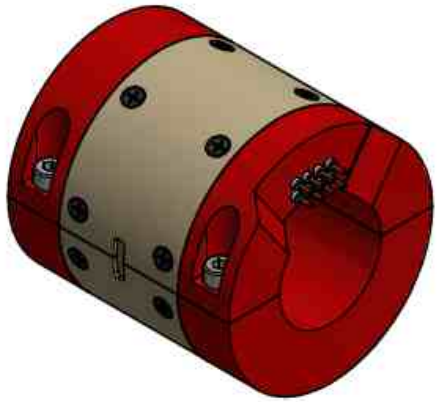
MANNER®
SENSORTELEMETRIE

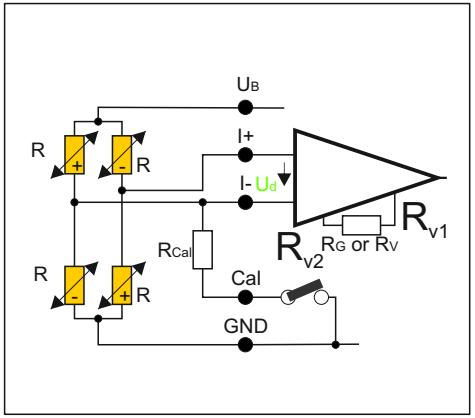
Sensor Signal Amplifier Type 9 starr D30

especially for Driveshaftes









1 Channel PCM Transmitter with Antenna

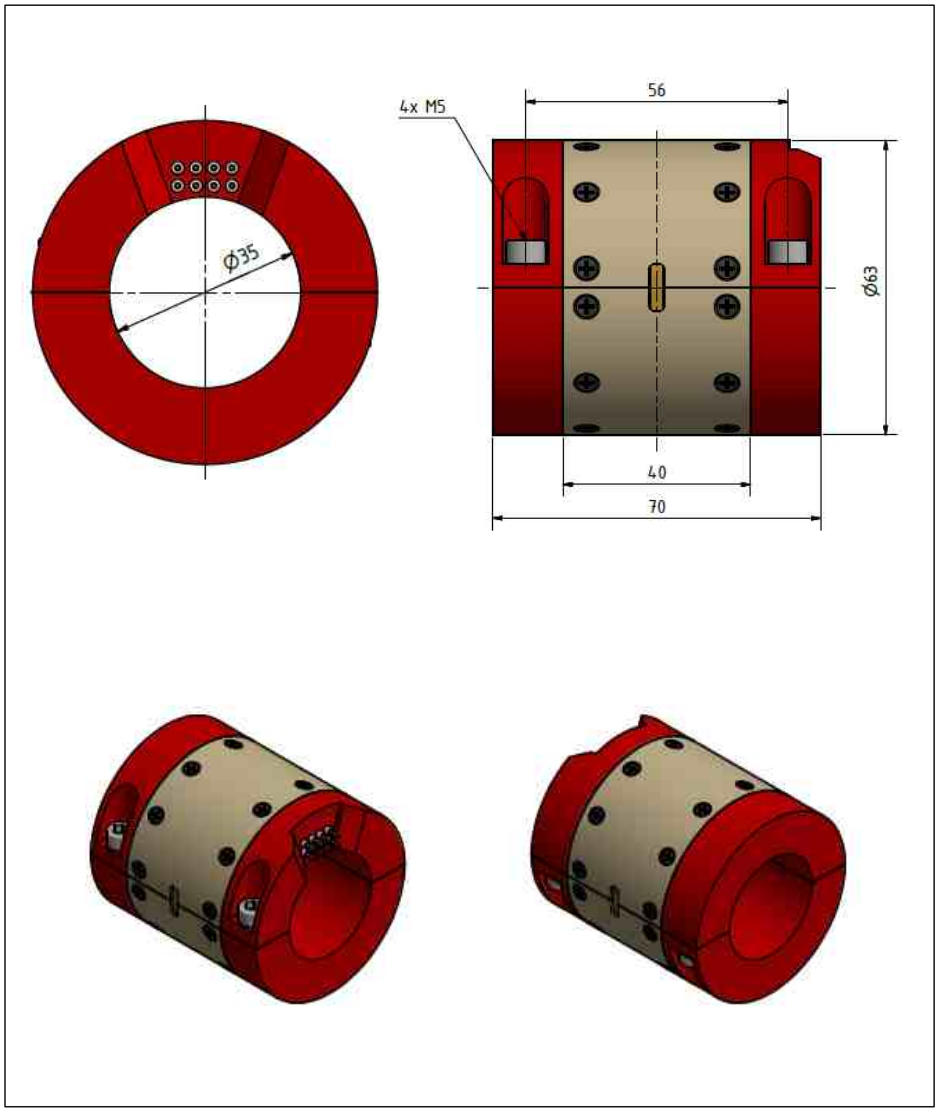
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

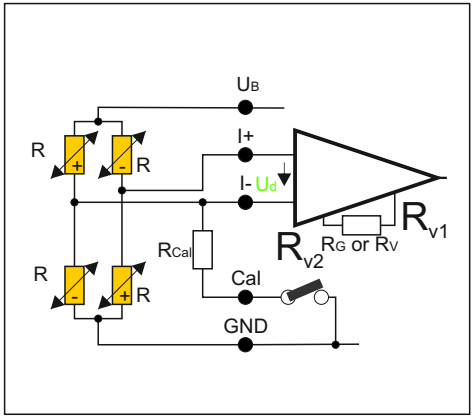
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D35

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

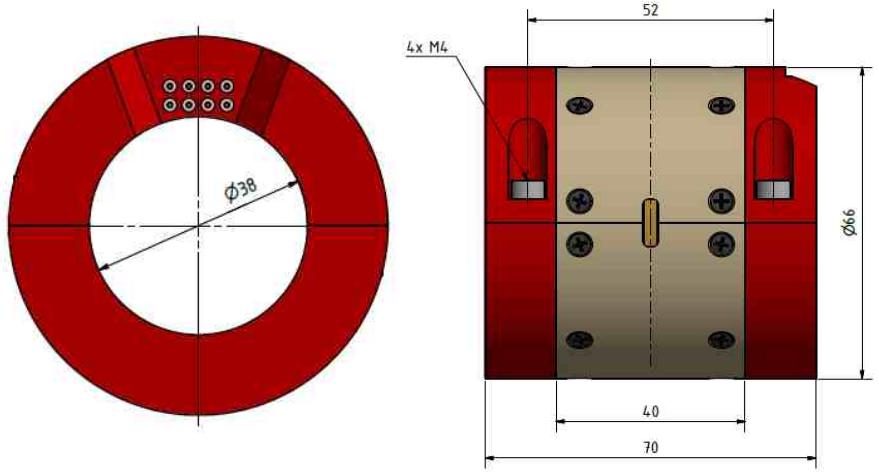
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

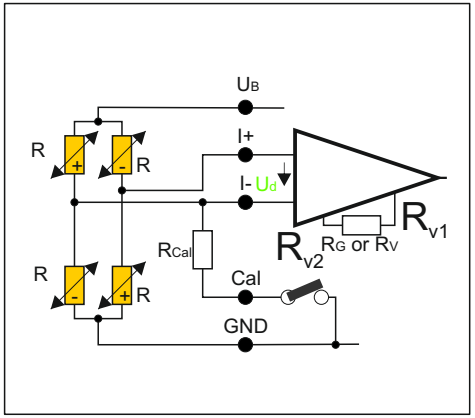
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D38

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

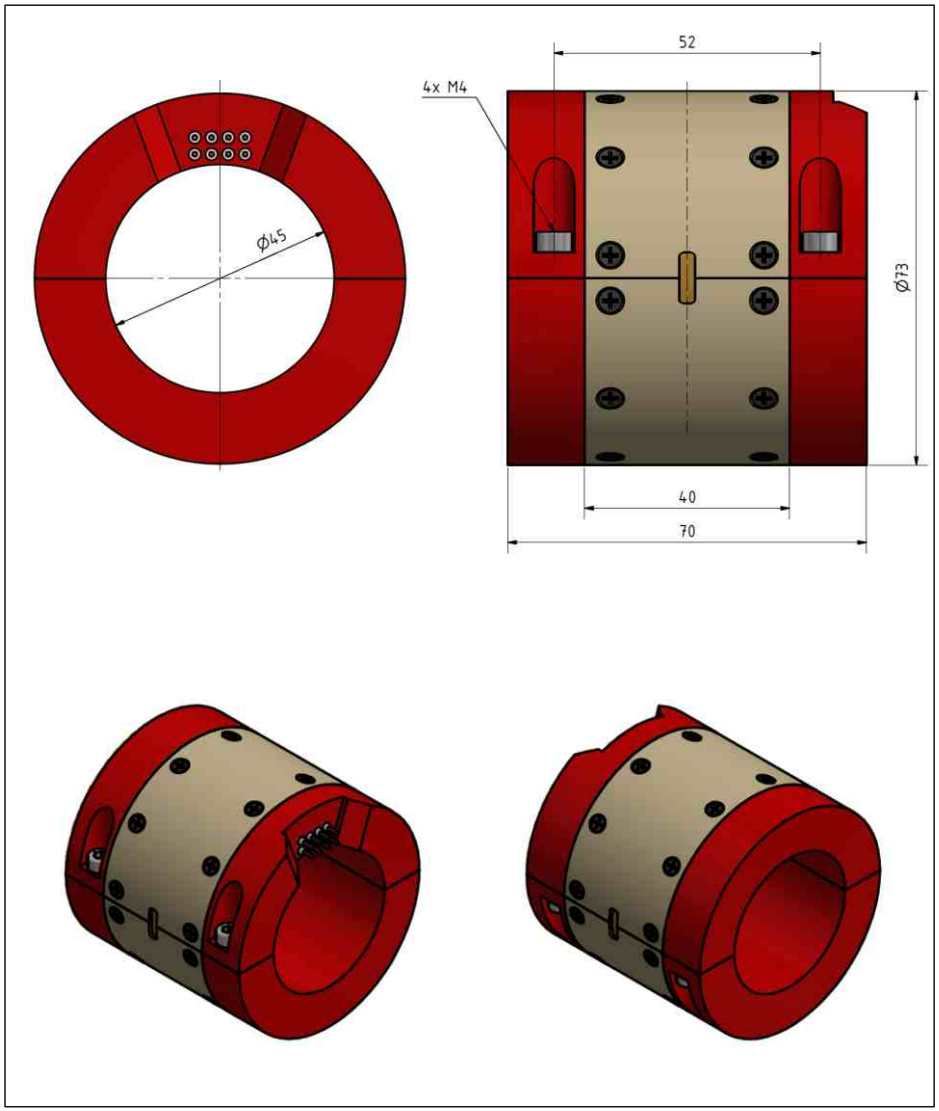
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

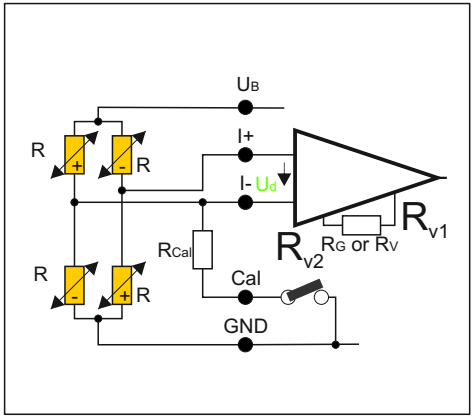
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D45

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

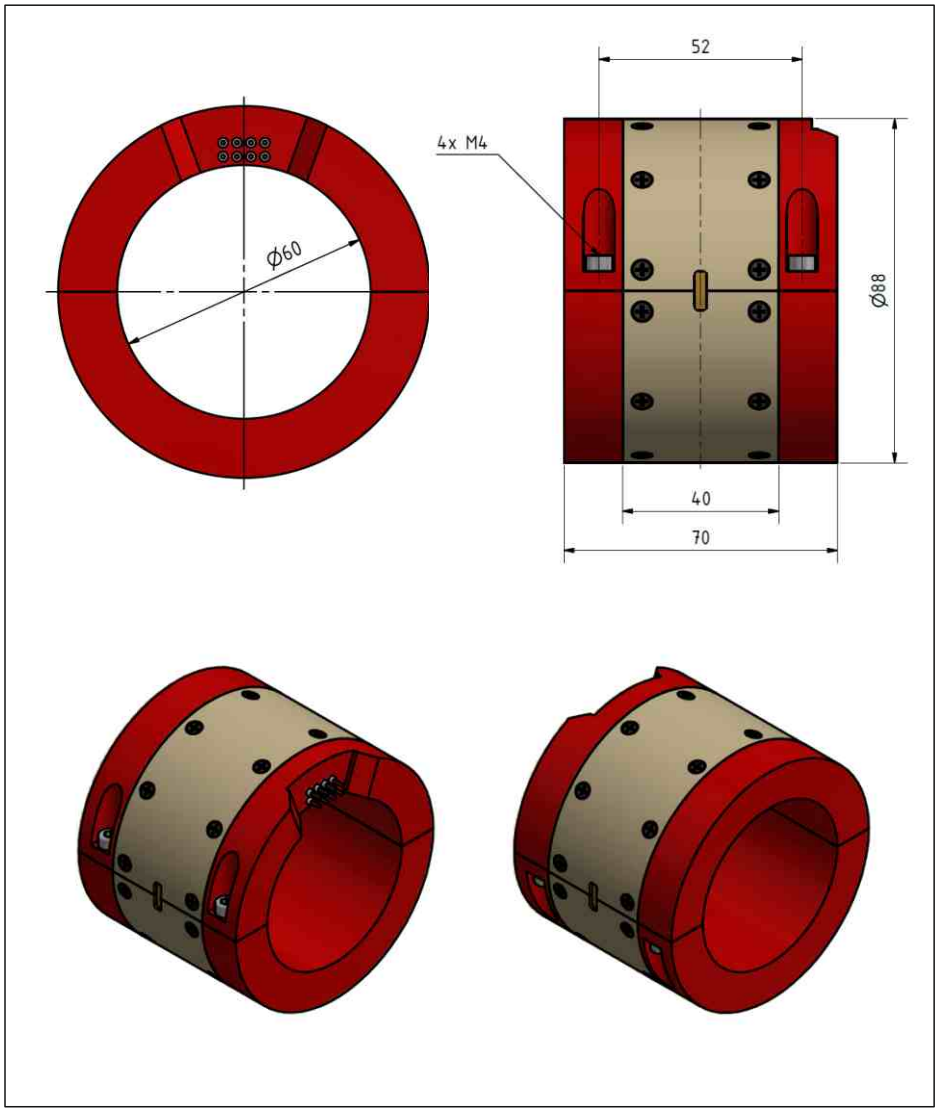
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

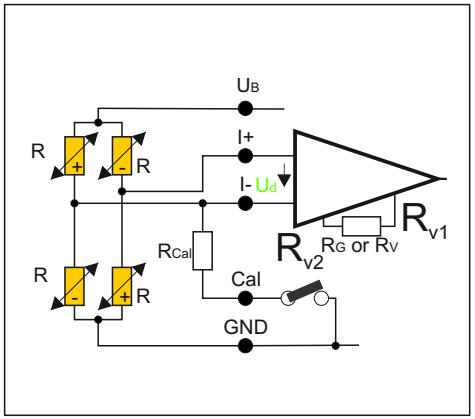
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D60

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

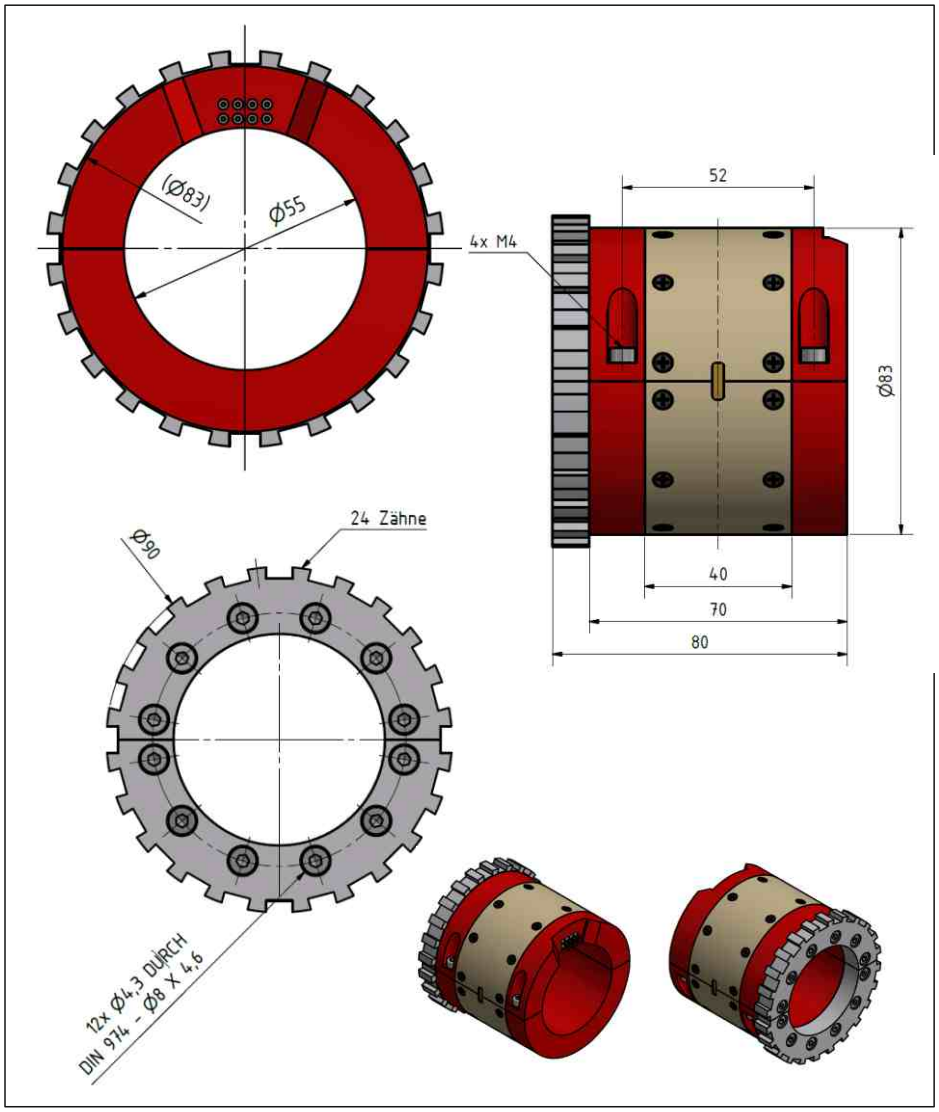
- For strain gage, PT100, thermocouple
- Sensitivity: 0.02 mV/V to 20 mV/V
- Bandwidth: 0 (10) Hz to 50 kHz
- Strain gage brigde supply: 3.3 V
- Strain gage bridge resistance: 350 (120, 1000) Ω
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift: 0.02, (0.01, 0.003 option)
- Remote shunt calibration
- Remote gain, zero, auto zero with 16 Bit resolution
- Additonal temperature channel (option)
- Enviromental temperature range: -25 to +85°C (125°C, 160°C)
- Max load: 50 000 g (depending on fixing)
- Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>

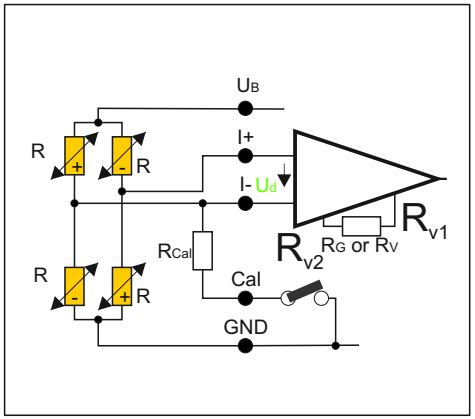
0,02	85	-	FM	1 kHz	-	-
0,01	125	Fu	PCM16	10 kHz	R	TC
0,003	150			50 kHz		
	160					

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D55 rpm option

especially for Driveshaftes





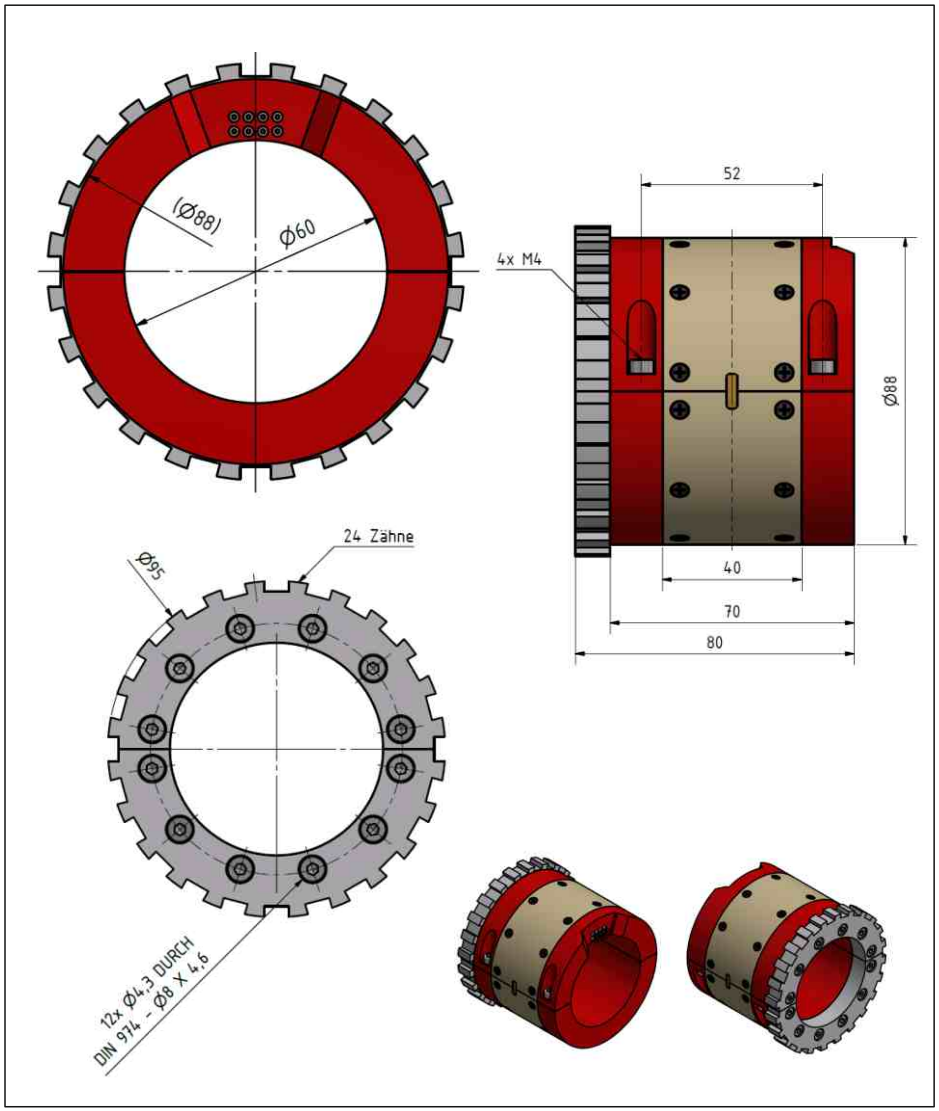
1 Channel PCM Transmitter with Antenna

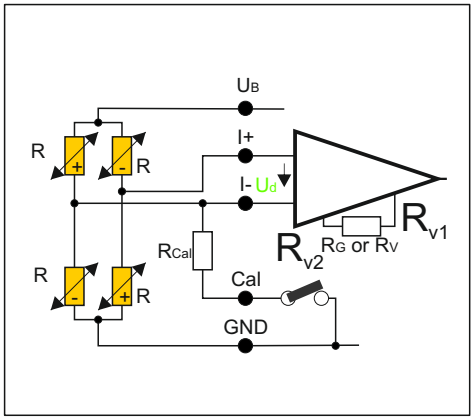
For strain gage, PT100, thermocouple							
Sensitivity: 0.02 mV/V to 20 mV/V							
Bandwidth: 0 (10) Hz to 50 kHz							
Strain gage brigde supply: 3.3 V							
Strain gage bridge resistance: 350 (120, 1000) Ω							
Transmission: inductive sensor telemetry PCM							
Integrated filter							
Resolution: 16 Bits							
Zero point drift: 0.02, (0.01, 0.003 option)							
Remote shunt calibration							
Remote gain, zero, auto zero with 16 Bit resolution							
Additonal temperature channel (option)							
Enviromental temperature range: -25 to +85°C (125°C, 160°C)							
Max load: 50 000 g (depending on fixing)							
Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>							
	0,02	85	-	FM	1 kHz	-	-
	0,01	125	Fu	PCM16	10 kHz	R	TC
	0,003	150			50 kHz		
		160					

MANNER®
SENSORTELEMETRIE

Sensor Signal Amplifier Type 9 starr D60 rpm option

especially for Driveshaftes





1 Channel PCM Transmitter with Antenna

For strain gage, PT100, thermocouple							
Sensitivity: 0.02 mV/V to 20 mV/V							
Bandwidth: 0 (10) Hz to 50 kHz							
Strain gage brigde supply: 3.3 V							
Strain gage bridge resistance: 350 (120, 1000) Ω							
Transmission: inductive sensor telemetry PCM							
Integrated filter							
Resolution: 16 Bits							
Zero point drift: 0.02, (0.01, 0.003 option)							
Remote shunt calibration							
Remote gain, zero, auto zero with 16 Bit resolution							
Additonal temperature channel (option)							
Enviromental temperature range: -25 to +85°C (125°C, 160°C)							
Max load: 50 000 g (depending on fixing)							
Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>							
	0,02	85	-	FM	1 kHz	-	-
	0,01	125	Fu	PCM16	10 kHz	R	TC
	0,003	150			50 kHz		
		160					

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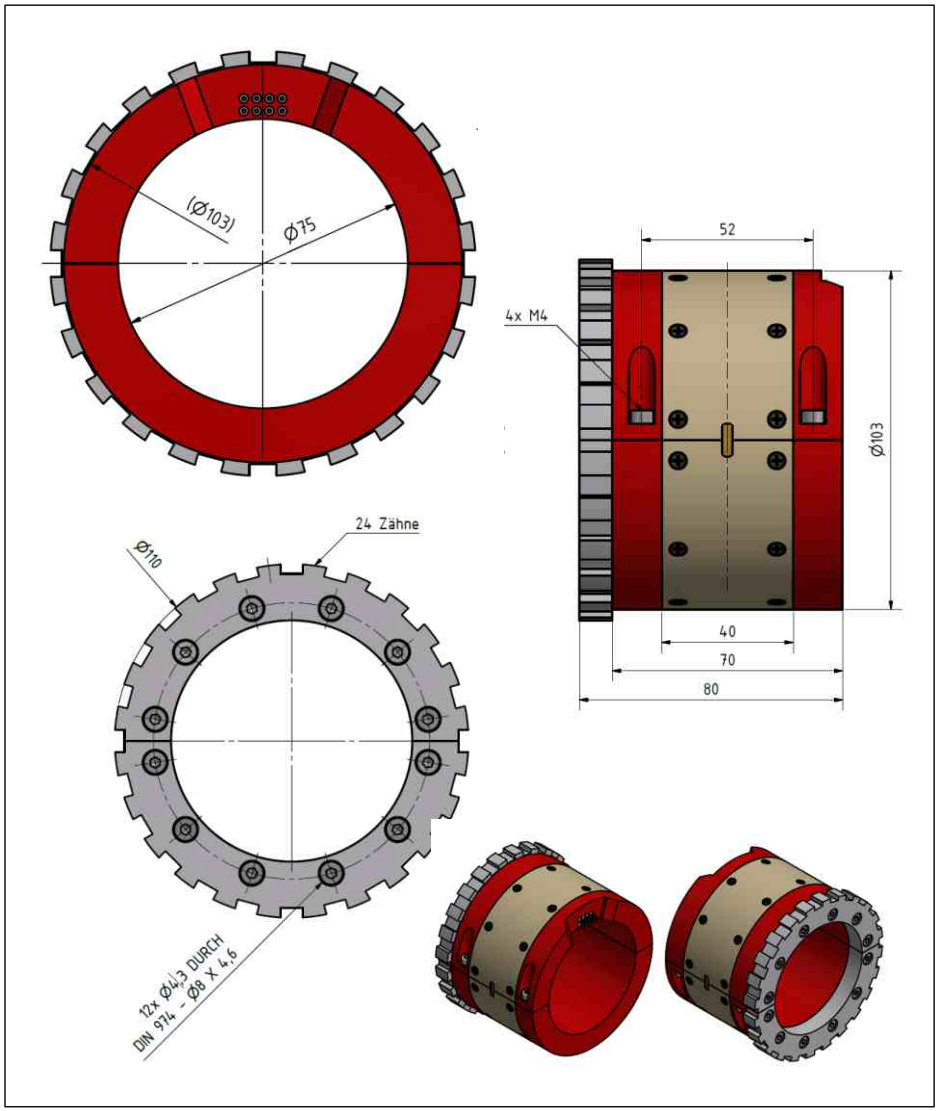
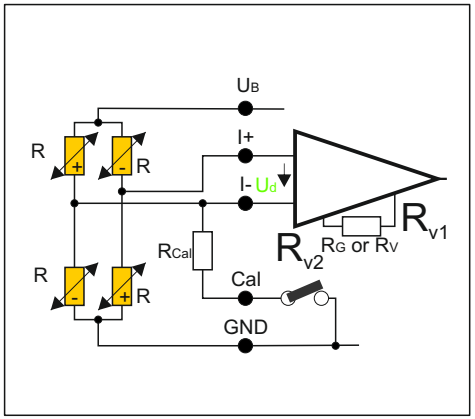
Sensor Signal Amplifier Type 9 starr D75 rpm option

especially for Driveshaftes

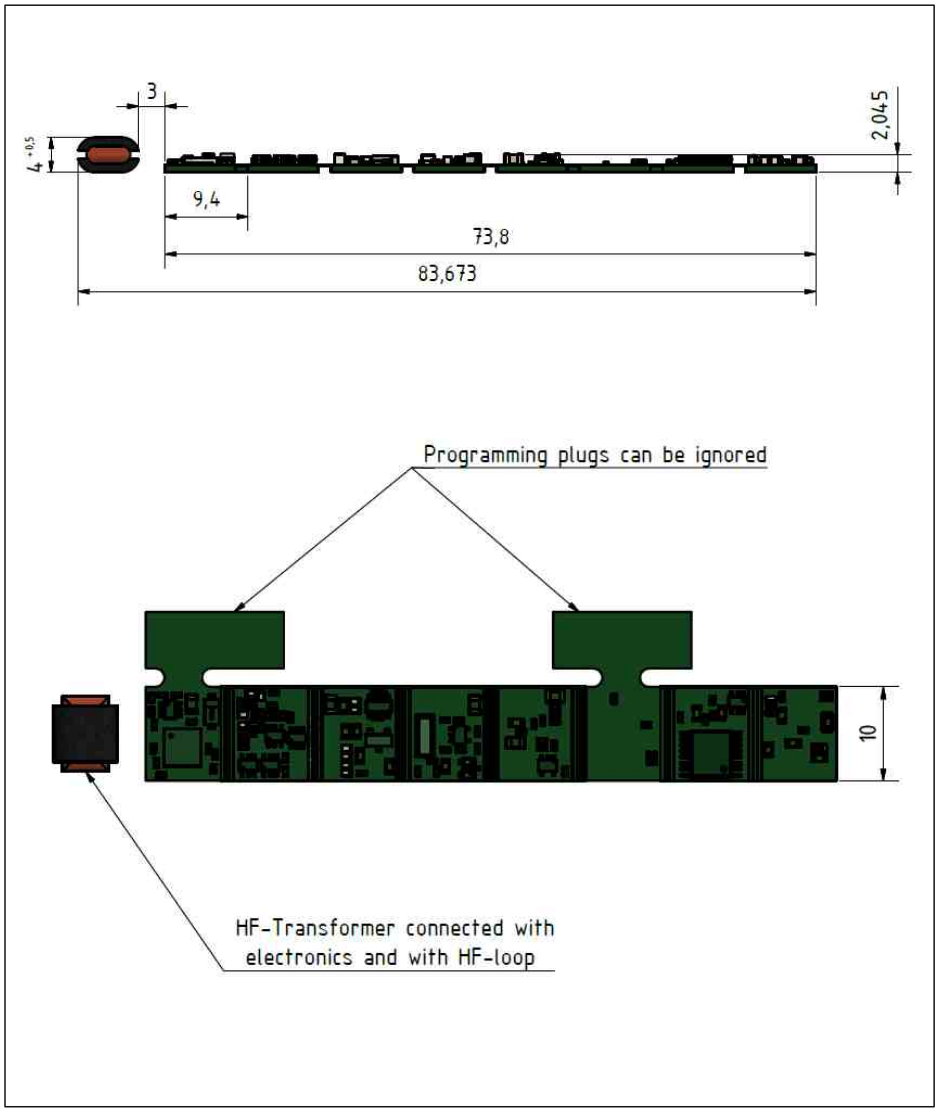


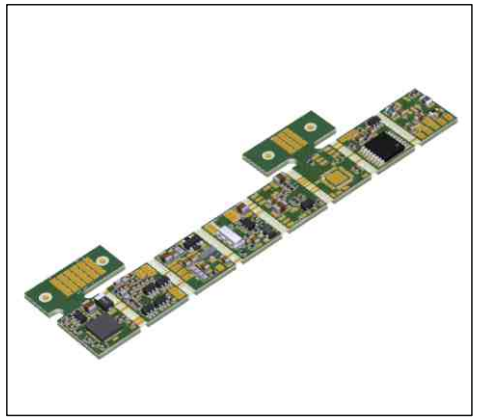


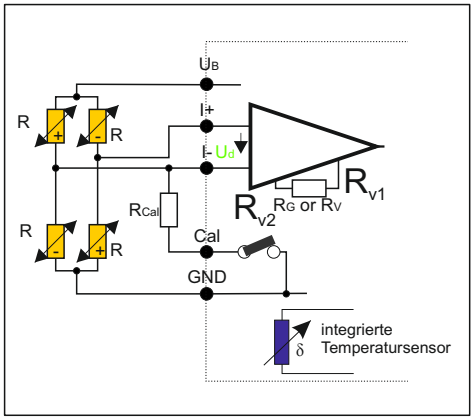
1 Channel PCM Transmitter with Antenna

For strain gage, PT100, thermocouple							
Sensitivity: 0.02 mV/V to 20 mV/V							
Bandwidth: 0 (10) Hz to 50 kHz							
Strain gage brigde supply: 3.3 V							
Strain gage bridge resistance: 350 (120, 1000) Ω							
Transmission: inductive sensor telemetry PCM							
Integrated filter							
Resolution: 16 Bits							
Zero point drift: 0.02, (0.01, 0.003 option)							
Remote shunt calibration							
Remote gain, zero, auto zero with 16 Bit resolution							
Additonal temperature channel (option)							
Enviromental temperature range: -25 to +85°C (125°C, 160°C)							
Max load: 50 000 g (depending on fixing)							
Type: SV_8a_<accuracy>_<temp>_<sys>_<mod>_<bandwidth>_<rmc>_<TC>_<wa>							
0,02	85	-	FM	1 kHz	-	-	
0,01	125	Fu	PCM16	10 kHz	R	TC	
0,003	150			50 kHz			
	160						

Sensor Signal Amplifier Type SV-Flex







1 (2) Channel PCM Transmitter

For strain gage, PT100, thermocouple					
Sensitivity: 0.02 mV/V to 11 mV/V					
Bandwidth: 0 (10) Hz to 25 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02, (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution (option)					
Additonal temperature channel (option)					
Enviromental temperature range: -25 to +85°C (125°C, 160°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_Flex_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85	FM	1 kHz	-	-
0,01	125	PCM16	2 kHz	R	TC
0,003	150		10 kHz		
	160		25 kHz		

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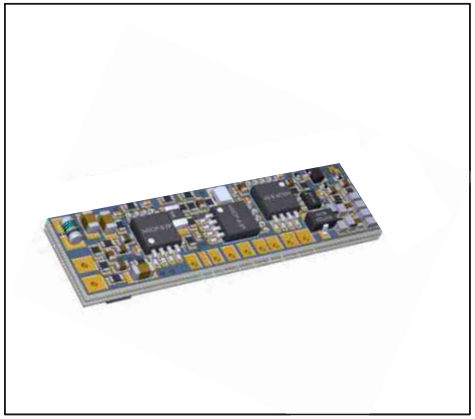
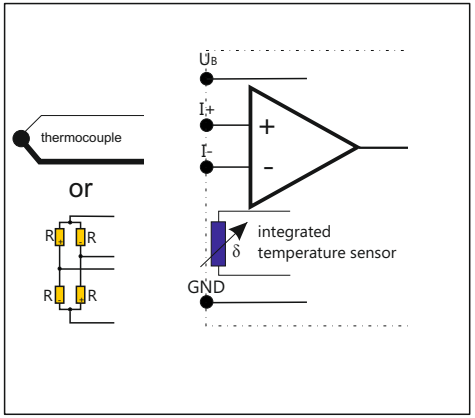
Sensor Signal Amplifier Type SV Kalimero

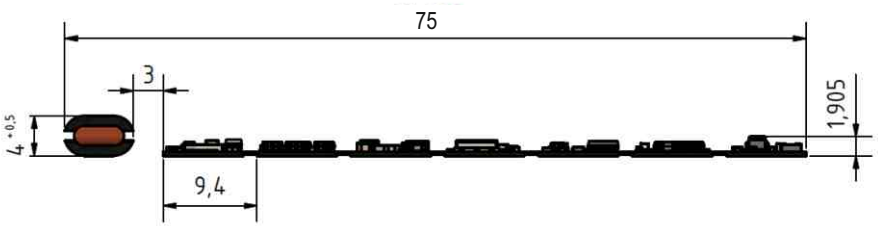


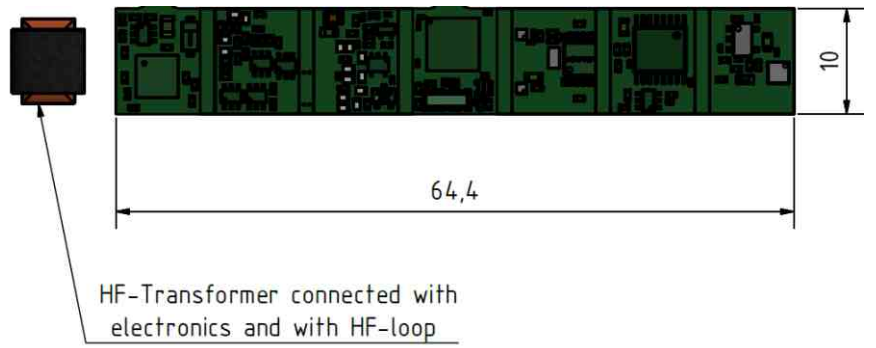


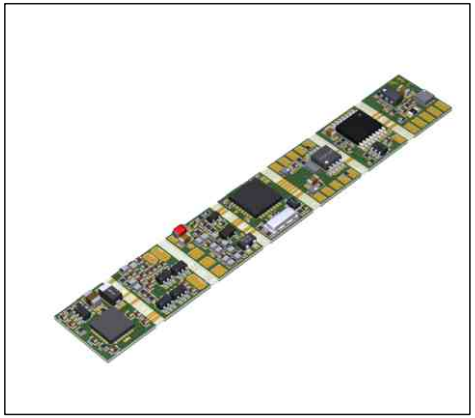
SV Kalimero

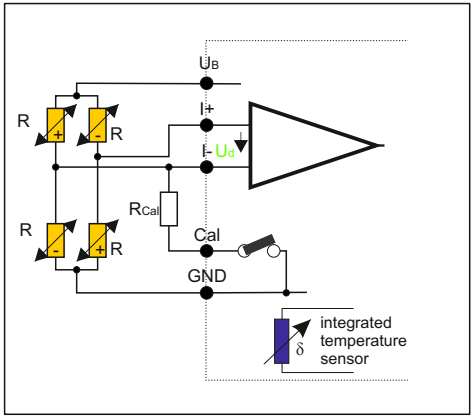
For thermocouple (isolated or non-isolated), Pt100, strain gage
Measuring range up to 1000°C
Bandwidth: up to 500 Hz with 1 channel, up to 100 Hz with 16 channels
Channel Count: up to 16 sensor-amplifiers in a row
Additional channels: temperature, raw voltage, system-id, sensortype
Transmission: inductive sensor telemetry PCM
Integrated filter
Resolution: 16 Bits
Zero point drift: <+/- 1°C, <+/-0.3°C option
Precise cold-junction-compensation through mathematical algorithm
measured data is normalized, therefore easy plug and play
Thermocouple linearisation with automatic type detection in receiving unit possible
Enviromental temperature range: -25 to +85°C (125°C, 160°C, 180°C)
Max load: 50 000 g (depending on fixing)

Sensor Signal Amplifier Type RMC Samy - Flex









RMC Samy Flex

For strain gage, PT100					
Sensitivity: 0.02 mV/V to 11 mV/V					
Bandwidth: 10 Hz to 10 kHz					
Strain gage brigde supply: 3.3 V					
Strain gage bridge resistance: 350 (120, 1000) Ω					
Transmission: inductive sensor telemetry PCM					
Integrated filter					
Resolution: 16 Bits					
Zero point drift: 0.02 [%/°C], (0.01, 0.003 option)					
Remote shunt calibration					
Remote gain, zero, auto zero with 16 Bit resolution					
Additonal temperature channel (option)					
Enviromental temperature range: -40°C to +85°C (125°C, 160°C, 180°C)					
Max load: 50 000 g (depending on fixing)					
Type: SV_Flex_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>					
0,02	85	PCM16	1 kHz	R	-
0,01	125		2 kHz		
0,003	160		10 kHz		
	180				