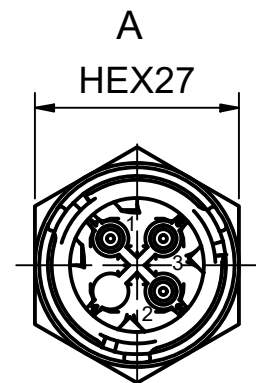
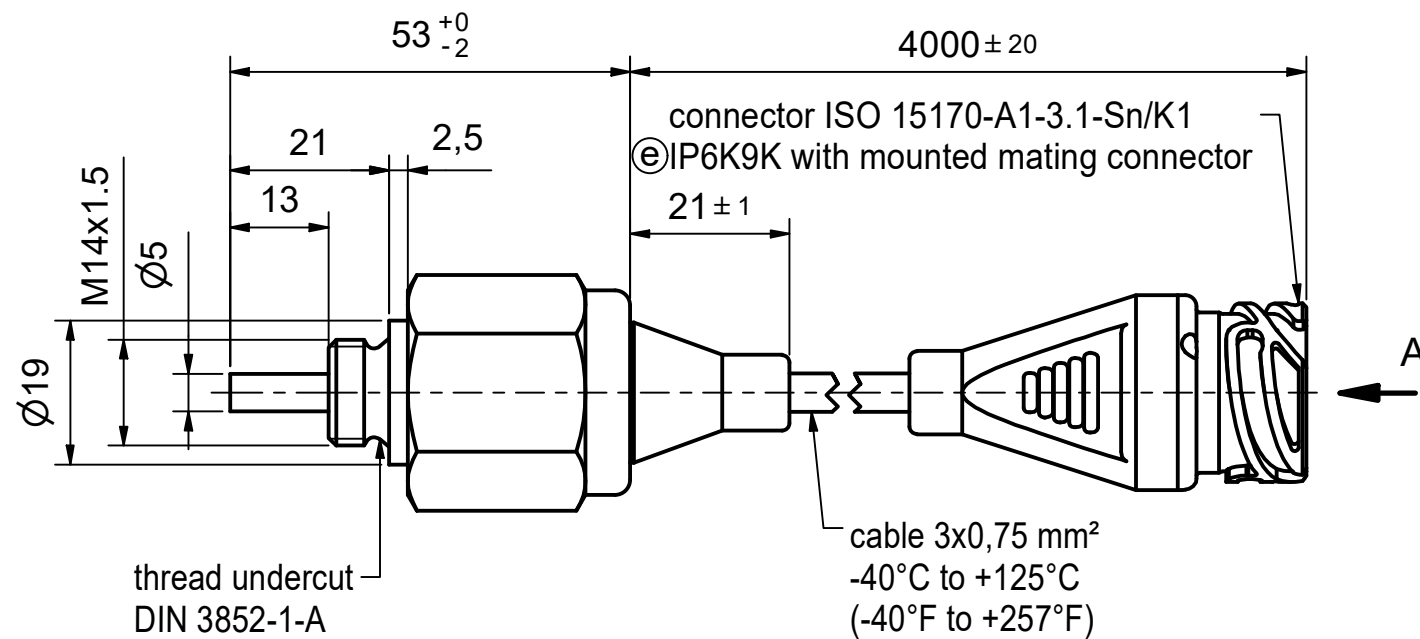


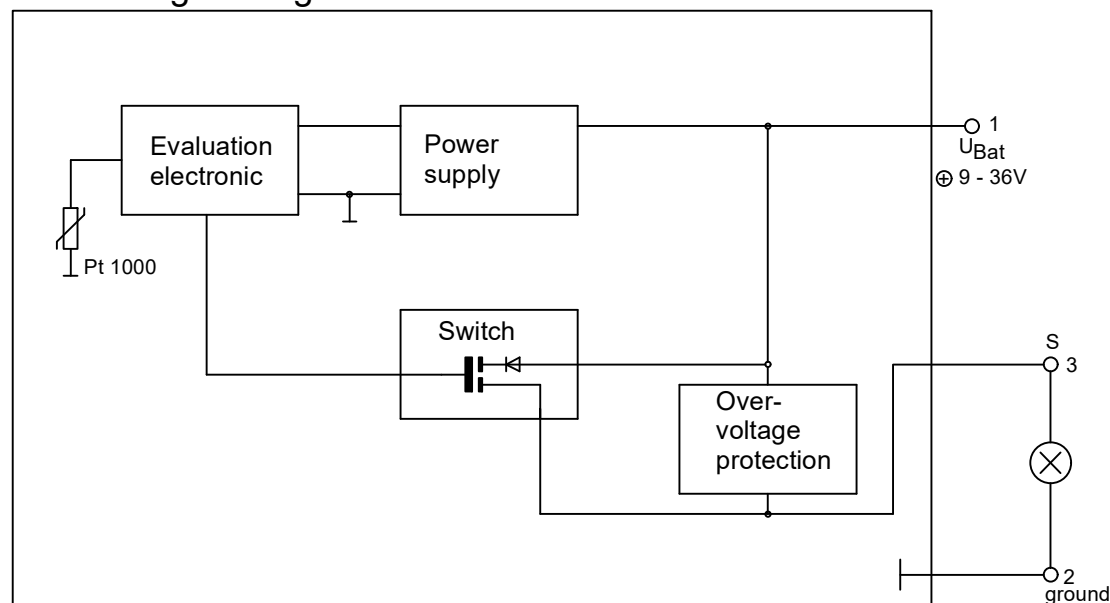
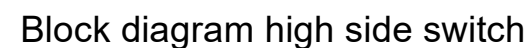
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BEDIA Motorentechnik GmbH & Co.KG,
Altdorf bei Nürnberg

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Pin assignment:
1 = positive (+)
2 = negative (-)
3 = switching output (S)



Technical data:

Sensor element	Pt 1000 class B
Operating voltage	12 / 24 V (-25% / +50%) (9 - 36 VDC) ^(e)
Current consumption	< 10 mA
Max. switching voltage	36 V
Max. switching current	1 A
Voltage drop	≤ 1,5 V (1 A)
Off-State leakage current	10 µA (25°C / 77°F)
Overload	short-circuit and overload proof
Operating temperature	-40°C to +125°C (-40°F to +257°F)
Switchpoint	≥ 100°C (≥ 212°F) OFF
Switching tolerance	±3 K
Hysteresis tolerance	< 1 K
Switching mode	high side switch opening at Tmax.
Housing material	CuZn38Pb2; EN12164, CW608N or CuZn39Pb3; EN12164, CW614N electronic and housing galvanically isolated
Tightening torque	max. 25 Nm
Environmental protection	IP6K9K according to ISO 20653 ^(e)
Marking	BEDIA; Pt 1000; manufacturer-no.; switchpoint; year/ week; approval

EMC

Radiated emission	2004/104/EG	30 MHz - 1 GHz; 1 m
Conducted transient emission	ISO 7637-2	
Immunity to RF electromagnetic fields	ISO 11452-1/-2	1000 MHz - 2000 MHz; 30 V / m (rms)
Immunity to RF electromagnetic fields in the stripline	ISO 11452-1/-5	20 MHz - 1000 MHz; 60 V / m (rms)
Transient immunity test on power lines	ISO 7637-2	pulses 1, 2a, 2b, 3a, 3b, 4

				Zul. Abweichung / admissible tolerance	Oberfläche / surface	Maßstab / scale	1 : 1	Sprache / language	ENU	Blatt sheet	1 / 1
				ISO 2768-mK							
					Datum / date	Name / name	Benennung / description				
				Erstellt / created by	10.02.2000	MoeMi	Electronical temperature switch				
				Geprüft / checked by	10.05.2004	ZibGu					
e	marking; TA-2021-0046: div.	21.02.23	MoeMi/GeiDo	Format / Size A3	Maßeinheit / dimension unit in [mm]						
d	see drawing	30.10.13	MoeMi/StaRo								
c	O-ring	11.11.05	MoeMi/ZibGu								
b	see drawing	28.07.04	MoeMi/ZibGu								
a	see drawing	10.05.04	MoeMi/ZibGu								
Zust/ rev	Änderung/modification	Datum/date	Name/Geprüft checked by	BEDIA®		Zeichnungsnummer / drawing number				Zng. Art/ drw.type	
						420147				DRC	