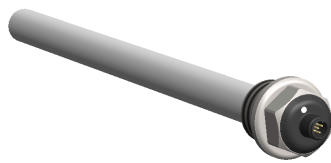
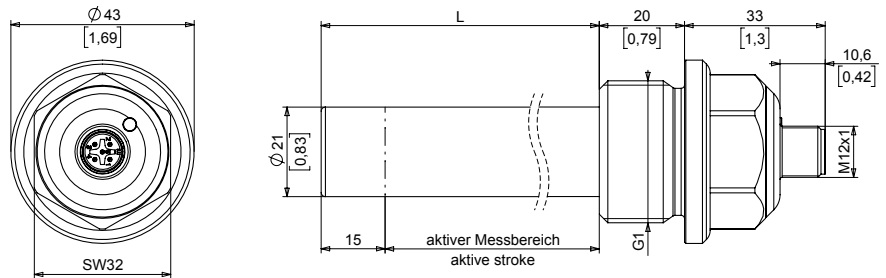


Level probe

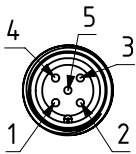
Product image



Dimensional drawing



Plug M12, 5-pin



Pin	Signal	Description
1	U _v	+24V DC supply voltage
2	Switching output or analog output	PNP / NPN; NO / NC 4...20 mA / 0...10 V
3	GND	0V
4	Switching output IO-Link communication	PNP / NPN; NO / NC
5	Switching output	PNP / NPN; NO / NC

Technical specifications

Technical specifications at 24 V and 20 °C	
Connection	Plug M12
Operating voltage	DC 24 V (19.2 to 28.8 V)
Power consumption	typically 29 mA
Load current	typically 50 mA max. 200 mA
Operating temperature	0°C (32°F)...+70°C (158°F)
Analog output	4...20 mA / 0...10 V
Switching output	NPN/PNP/Push-Pull, NO/NC switchable

Technical specifications at 24 V and 20 °C

Switching point position	adjustable
Measurement accuracy	± 2% of upper range limit
Repeat accuracy	± 1% of upper range limit
Response time	<1 s
Degree of protection IP	IP67
Compressive strength	10 bar
Communication interface	IO-Link specification V1.1
Measuring principle	Capacitive
Process connection	V4A
Probe rod	PTFE
DK medium	>1.8 (dielectric constant ϵ_r)

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