



1) Sensing surface 2) Housing 3) Cover



Electrical connection

Connection	Special connector-Special connector
Polarity reversal protected	not relevant
Short-circuit protection	not relevant

Electrical data

Hysteresis H max. (% of Sr)	15.0 %
Repeat accuracy max. (% of Sr)	2.0 %
Utilization category	DC-13

Environmental conditions

Ambient temperature	-180...250 °C
Protection type IEC 60529	IP66 IP54 at connector output

General data

Approval/Conformity	CE
Basic standard	IEC 60947-5-2
Scope of delivery	Nut (2x)
Sensitivity	adjustable on base unit

Material

Cover material	Stainless steel (1.4301) Brass
Housing material	Stainless steel (1.4301)
Material cover	Stainless steel (1.4301)Brass, Chrome-plated
Material sensing surface	PTFE

Mechanical data

Dimension	undefined
Installation	non-flush
Size	M18x1
Tightening torque	60 Nm

Range/Distance

Measuring range	1...10 mm
Range	1...10 mm
Rated operating distance Sn	10 mm

Remarks

Required accessories, sensor amplifier BAE SA-... and connection cable BCC Z003-020