

TECHNICAL DATA

Sensor

Material	Housing: Stainless steel 1.4571 Sensor-Isolation: POM
Protective system	IP65
Using in Ex-zones	Outside pipe: Cat 3D Inside pipe: Cat 1/3D (only with process adapter)
Dimensions ProGap 2.0-BS	Housing: L 107 mm / 52 mm Thread: L 30 mm / G $\frac{1}{2}$
Dimensions ProGap 2.0-BS Ex	Housing: L 155 mm / 60 mm Thread: L 30 mm / G $\frac{1}{2}$
Process temperature	20 ... +80 °C 20 ... +220 °C (with process adapter) max. 1000 °C (with ceramic flange)
Ambient temperature	20 ... +60 °C
Working pressure	max. 1 bar max. 20 bar (with process adapter)
Detection range: Level	0.1 ... 25 m / >25 m (on request)
Detection range: Flow	0.1 ... 12.5 m / >12.5 m (on request)
Power supply	24 V DC powered by DIN Rail electronic
Power consumption	approx. 20 VA
Current consumption	max. 850 mA
Measuring frequency	K-Band 24.125 Ghz (\pm 100 MHz)
Transmitting power	max. 5 mW
Cable gland	M16 (5-10 mm)
Weight ProGap 2.0-BS	approx. 560 g
Weight ProGap 2.0-BS Ex	approx. 880 g

Din Rail electronic

Power supply	24 V DC \pm 10 %
Power consumption	3.5 W
Current consumption	120 mA à 24 V
Relay contact	Max. rated load: 250 V AC Max. peak current: 6 A Max. rated load 230 V AC: 250 VA Max. breaking capacity DC1: 3/110/220 V: 3/0.35/0.2 A Min. switching load: 500 mW (10 V/5 mA)
Fall-delay time	0.25 ... 5 s (continuously adjustable)
Weight	approx. 172 g
Protective system	IP40



certificated
according to **ATEX**

	Pressure adapter	Temperature adapter	Food adapter	High temperature adapter
Material	Stainless steel 1.4571 POM diaphragm	Stainless steel 1.4571 Tecapeek diaphragm	Stainless steel 1.4571 Tecapeek GF30 diaphragm	Steel Ceramic diaphragm
Temperature	-20 ... +80 °C	Max. +220 °C	Max. +220 °C	Max. 1000 °C
Pressure	Max. 20 bar	Max. 20 bar	Max. 20 bar	Max. 40 bar
Thread	G 1 $\frac{1}{2}$ " on both sides	G 1 $\frac{1}{2}$ " on both sides	G 1 $\frac{1}{2}$ " on both sides	G 1 $\frac{1}{2}$ " on sensor side
Wrench width	55 mm	55 mm	55 mm	17 mm