

TECHNICAL DATA

Material	Housing: Stainless steel 1.4571 Sensor-Isolation: POM
Protective system	IP65
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	0.1 ... 25 m
Power supply	24 V DC (-10 / +15 %) 24 V AC (-10 / +15 %)
Power consumption	max. 20 VA
Current consumption	max. 850 mA
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)
Response time	0.25 ... 5 s (continuously adjustable)
Measuring frequency	K-Band 24.125 Ghz (± 100 MHz)
Transmitting power	max. 5 mW
Weight	Transmitter: 1.1 kg Receiver: 1.1 kg

	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 1½" on both sides	G 1½" on both sides	G 1½" on both sides	G 1½" on sensor side
Wrench width	55 mm	55 mm	55 mm	17 mm

