

TECHNICAL DATA

Sensor

Housing material	Stainless steel 1.4571
Protection type	IP65
Using in Ex-zones	Outside pipe: Cat. 3D Inside pipe: Cat. 1/3D (only with process adapter)
Process temperature	-20 ... +80 °C -20 ... +220 °C (with process adapter) Up to 1000 °C (with ceramic flange)
Ambient temperature	-20 ... +60 °C
Working pressure	Max. 1 bar Max. 20 bar (with process adapter)
Measuring frequency	24.125 GHz; ±100 MHz
Transmitting power	Max. 5 mW
Weight	Approx. 560 g
Dimensions	Housing: Length 107 mm / Diameter 52 mm Thread: Length 30 mm / Diameter G 1½"

Transmitter (DIN Rail)

Power supply	24 V DC ± 10 %
Power consumption	Approx. 3.5 W
Ambient temperature	-20 ... +60 °C
Relay contact	Max. rated load: 250 V AC Max. peak current: 6 A Max. rated load 230 V AC: 250 VA Max. breaking capacity DCI: 3/110/220 V: 3/0.35/0.2 A Min. switching load: 500 mW (10 V / 5 mA)
Communication	USB
Weight	Approx. 172 g

	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