

Inductive Sensor Head for Extreme Temperature Ranges

INTT220

Part Number



- Can be used with cable lengths of 5 to 20 m
- High cost-effectiveness thanks to exchangeable sensor head, and average service life of 5 years
- Scope of delivery: sensor head INTT220
- Switching distance up to 25 mm

The inductive high-temperature sensors are designed for use in very hot work environments and consist of a sensor head and a separate analysis module with cable. Long switching distances and a long service life in hot areas ensure maximum system reliability. Sensor heads can be replaced without the use of tools, and numerous standard cable lengths with integrated analysis module are available separately. weproTec technology makes it possible to install the sensors directly next to or opposite one another. In addition, IO-Link can be used to individually configure sensor parameters such as switching distances and output functions.



Technical Data

Inductive Data

Switching Distance	25 mm
Standard Target	75 × 75 mm
Correction Factors Stainless Steel V2A/CuZn/Al	0,60/1,00/0,85
Mounting	non-flush
Mounting A/B/C/D in mm	50/130/50/20
Mounting B1 in mm	0...75
Switching Hysteresis	< 10 %

Electrical Data

Sensor head temperature range	-10...250 °C
Service Life (T = +200 °C)	100000 h
Service Life (T = +250 °C)	60000 h

Mechanical Data

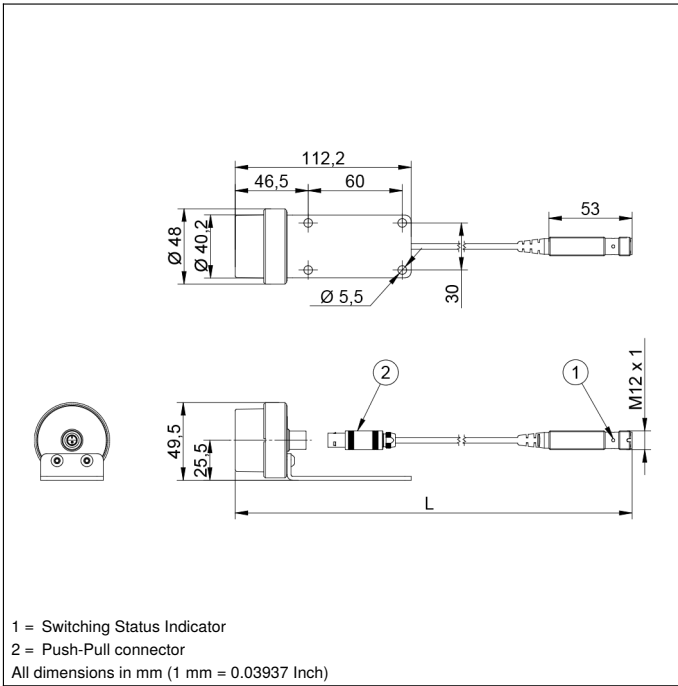
Sensor head material	V2A; PEEK; PTFE; Brass (chrome plated)
Degree of protection, sensor head	IP50
Degree of protection of the plug	IP50
PWIS-free	yes

Scope of delivery	Sensor head INTT220
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Error Output	●
PNP NO	●

Complementary Products

Inductive analysis module



Mounting

