

for OEM applications

Temperature monitoring with Pt100-Sensor (Class B)

Features

Rugged and compact stainless steel construction,
protection class IP65,
high shock- and vibration stability

Measuring Ranges

-40 °C...+150 °C

Applications

Machine industry, mobile hydraulics and
environmental technology, air conditioning control

Technical Data

Sensor:	Sensing resistor Pt100 acc. to DIN IEC 751, (Class B, 4-wire)
Construction: Dimensions:	ø22 x 81 mm (without electrical plug)
Materials: Wetted parts: Housing:	Stainless steel W.-No. 1.4301 Aluminum
Seal:	FKM
Process Connection:	G1/4 male, nut across flats 19 mm
Proof Pressure:	max. 600 bar
Protection Class:	IP65 plug
Weight:	appr. 110 g
Measuring Ranges:	-40 °C...+150 °C
Time Constant:	appr. 40 s
Measuring Current:	max. 5 mA
Electrical Connection:	Plug 4-pin, M12 x 1
Sensor Length:	17 mm, 50 mm
Sensor Diameter:	6 mm



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Specifications are subject to changes without notice.

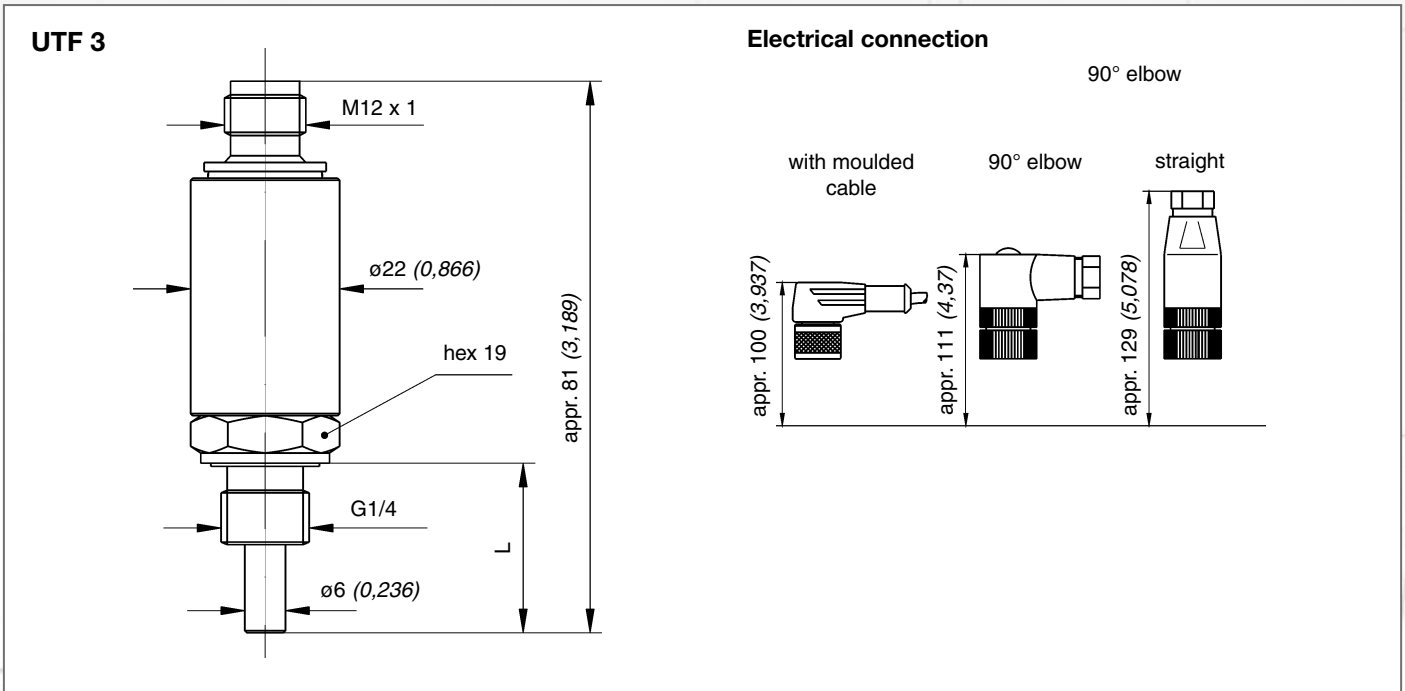
Temperature

Electronic Temperature Sensor

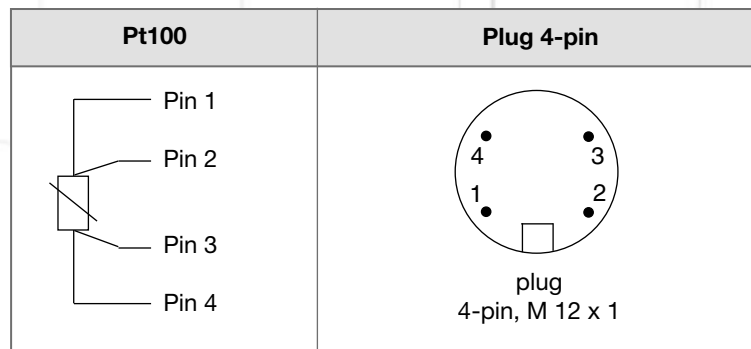
Type UTF 3

Dimensions (in mm / inch)

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Connection Chart



Order Numbers

Order Number	Temperature Sensor Seal	Electrical Connection	Process Connection	Sensor Length L from sealing edge
0613-024	FKM	Plug 4-pin, M 12 x 1, T _{max} = 100 °C	G1/4 male	17 mm
0613-025				50 mm

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