Electronic Temperature Sensors   *UTF2*

for OEM applications

Temperature monitoring with Pt100-Sensor (Class B)

Features

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

Measuring Ranges

-40 °C...+150 °C

Applications

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

Technical Data

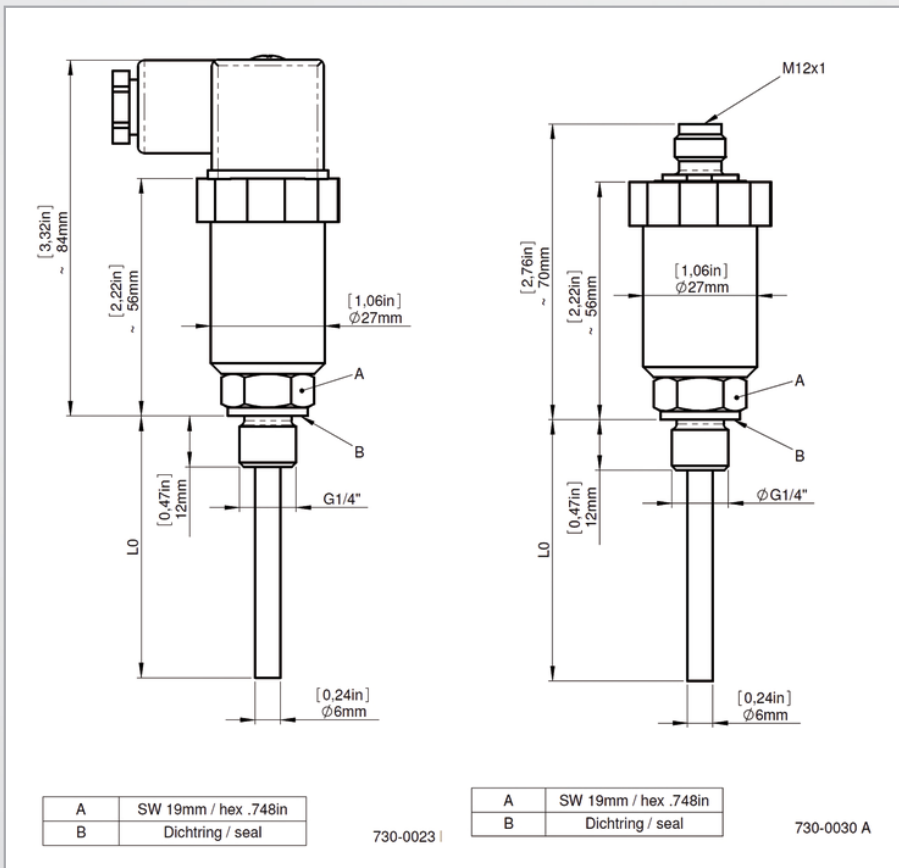| Sensor:	Sensing resistor Pt100 acc.to DIN IEC 751, (Class B, 4-wire)

Materials:
    Wetted Parts
    Housing (Electronics)
    Seals
	
	Stainless steel 1.4301
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	FKM / EPDM

Protection class:	IP65 plug
Process connection:	G 1/4 male, nut across flats 19mm
Proof Pressure:	max. 200 bar, others on request

Dimensions:	see drawings
Weight:	130 g
Time constant:	appr. 40 s
Measuring current:	max. 5 mA
Electrical connection:	Plug 4-pin, M12x1
Sensor length:	17 mm, 50 mm
Sensor diameter:	6 mm

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Dimensions (mm / *inch*)

A	SW 19mm / hex .748in
B	Dichtring / seal

730-0023

A	SW 19mm / hex .748in
B	Dichtring / seal

730-0030 A

Order Numbers

Temperature Transmitter with Pt100 output, M12x1		
Art. No.	Temp. Range in °C	Sensor length in mm
0631-014	-40 ..... +150	17
0631-132	-40 ..... +150	50