### **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 Stainless steel 1.4301 FKM / EPDM	
Protection class:	IP65 plug	
Process connection:	G 1/4 male, nut across flats 19mm	
Proof Pressure:	max. 200 bar, others on request	

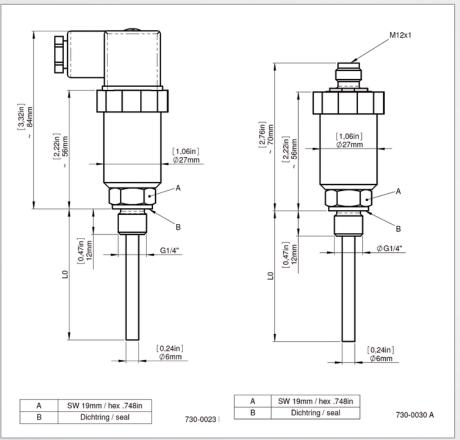
Dimensions:	see drawings
Weight:	130 g
Time constant:	appr. 40 s
Measuring current:	max. 5 mA
Electrical connection:	Plug 4-pin, M12x1
Sensor length:	17 mm, 50 mm
Sensor diameter:	6 mm

# Temnerature

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#### Dimensions (mm / inch)



#### **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 <b>+1</b> 50	50	