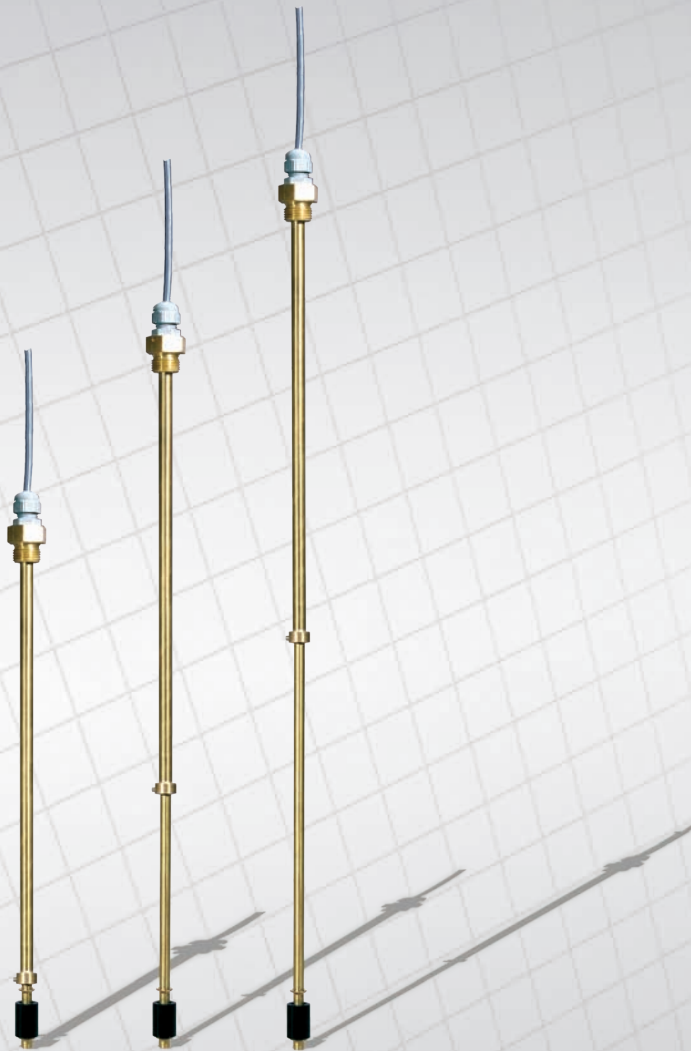


UNS1000-BN18-TC

Level switches

- ▶ Level
- ▶ Temperature



- ▶ Telescopic design
- ▶ Compact Design
- ▶ Level- and temperature monitoring
- ▶ Variable length 190... 630 mm

Barksdale
CONTROL PRODUCTS
CRANE Barksdale, Inc./Barksdale GmbH
A Subsidiary of Crane Co.

Level switches

Type UNS1000-BN18-TC

Level- and temperature switch in telescopic design for monitoring hydraulic tanks („Power Packs“). Modern hydraulic reservoirs have a high specific output volume that can result in high oil temperatures under load. Level-and temperature monitoring is a unrenounceable safety factor for the complete plant.

Features

for bulkhead unions G1/2“,
high flexibility by telescopic principle,
Compact Design

Applications

OEM applications,
Accessories for hydraulic reservoirs,
Mineral oil applications

Technical Data

Materials:	
Bulkhead union:	Brass
Contact tube:	Brass
Float stopper:	Bronze
Float:	foamed NBR
System of protection:	IP65
Housing:	---
Process connection:	
male thread:	G1/2“ DIN ISO 228-1 = T1/2
Electrical connection:	
	Cable $\varnothing 4 \times 0.25 \text{ mm}^2$ Cable gland, PA
Electrical values:	
	max. 24 V AC/DC max. 1 A max. 20 VA/W
Operating temperature:	-10 °C ... +90 °C (14 °F ... 194 °F)
Operating pressure:	atmospheric
Density:	min. 0.64 g/cm ³
Depth of immersion at density 1:	15 ±2 mm
Temperatur switch:	
Temperature range:	+60 °C (140 °F)
Indexing tolerance:	±5 K
Differential gap:	30 ±15 K
Contact:	NC (the contact is closed at room temperature)
Switching points:	
Standard:	1 float for 1 switching point
Approval:	---



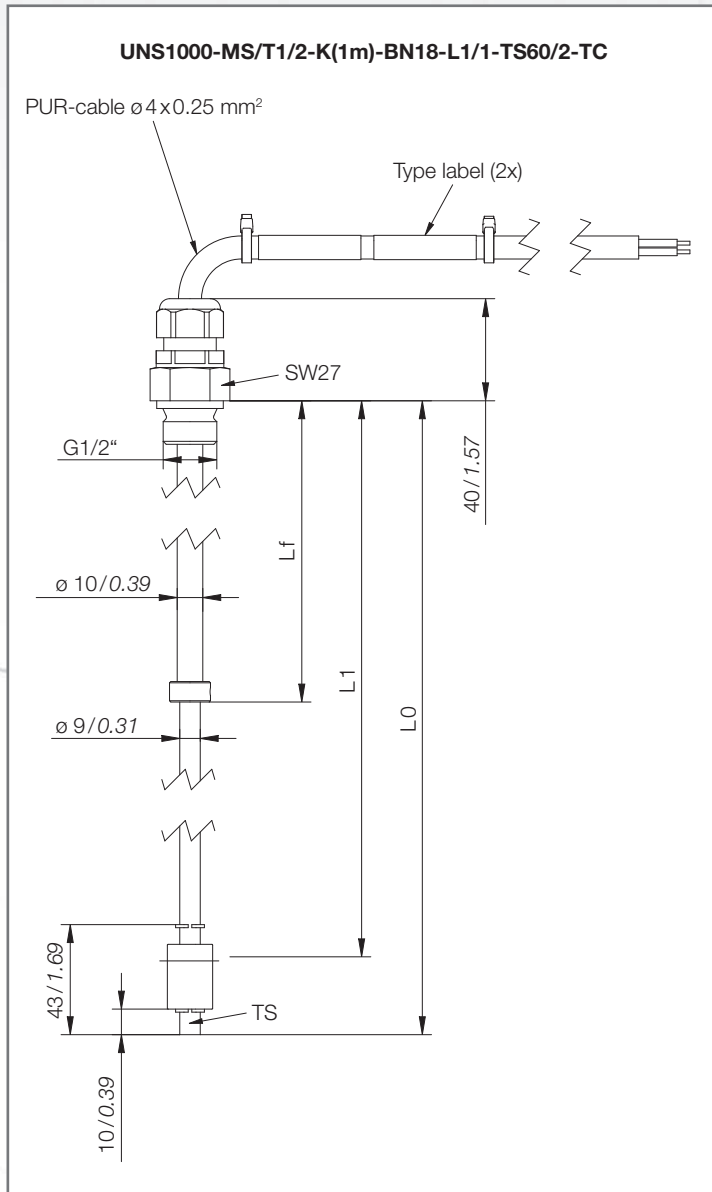
Index B

Specifications are subject to changes without notice.

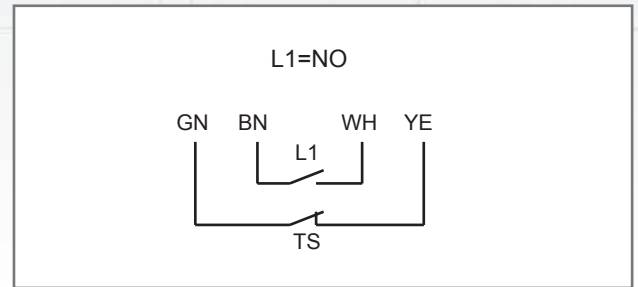
Level switches

Type UNS1000-BN18-TC

Dimensions (in mm / inch)



Connection diagram



Order Numbers

UNS1000-MS/T1/2-K(1m)-BN18-L1/1-TS60/2-TC

Order No.	Length L0 [mm]	Length L1 [mm]	Length Lf [mm]	Tolerance
0112-987	190 ... 260	160 ... 230	145	$\pm 3 \text{ mm}$
0112-988	250 ... 380	220 ... 350	205	$\pm 3 \text{ mm}$
0112-989	375 ... 630	345 ... 600	330	$\pm 3 \text{ mm}$

Further lengths and temperature switching points upon request

Specifications are subject to changes without notice.

Experts

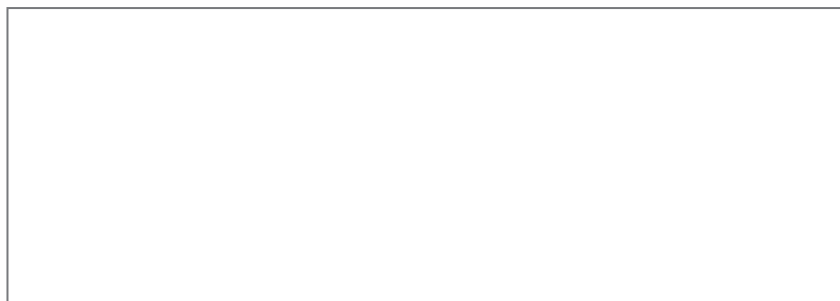
Specialists for monitoring and control of:

- ▶ Pressure
- ▶ Temperature
- ▶ Level
- ▶ Flow

Almost sixty years of experience in the area of mechanical and electronic control of liquid media and responding to customers needs have resulted in an extensive range of products to meet a wide range of applications. Barksdale's priority is clear. It is our commitment to quality instrumentation and exceptional customer service that has remained the cornerstone of our success. Based on our innovative and market-focused technologies in the areas of pressure, level, flow and temperature measuring processes we provide solutions that fit.



Global Presence



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