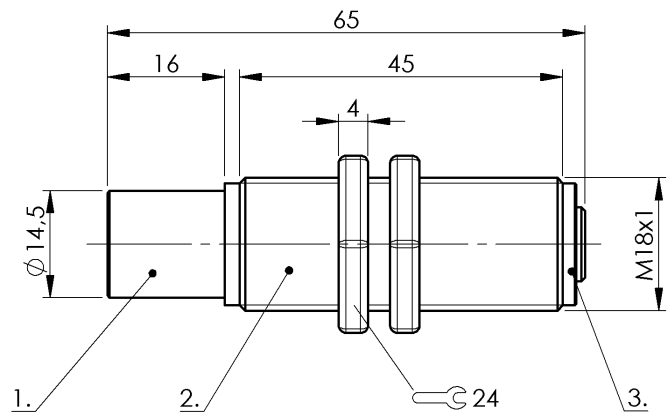


Capacitive Sensors  
BCS M18T4H1-XXS10H-SZ02-T08  
Order Code: BCS00A1

BALLUFF



1) Sensing surface, 2) Housing, 3) Cover



Basic features

Approval/Conformity	CE UKCA WEEE
Basic standard	IEC 60947-5-2
Scope of delivery	Nut (2x)
Sensitivity	adjustable on base unit
Series	M18

Electrical connection

Connection	Special connector-Special connector
Polarity reversal protected	not relevant
Short-circuit protection	not relevant

Electrical data

Switching frequency	50 Hz
Utilization category	DC -13

Environmental conditions

Ambient temperature	-180...250 °C
IP rating	IP66, IP54 at connector output

Interface

Interface	Special interface
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Material

Cover material	1.4301 stainless steel Brass, Chrome-plated
Housing material	1.4301 stainless steel
Material sensing surface	PTFE

Mechanical data

Dimension	Ø 18 x 65 mm
Installation	non-flush
Size	M18x1
Thread (A)	M18x1
Tightening torque	60 Nm

Range/Distance

Hysteresis H max. (% of Sr)	15.0 %
Measuring range	1...10 mm
Rated operating distance Sn	10 mm
Repeat accuracy max. (% of Sr)	2.0 %

Remarks

Required accessories, sensor amplifier BAE SA-... and connection cable BCC Z003-020

## Installation remarks

