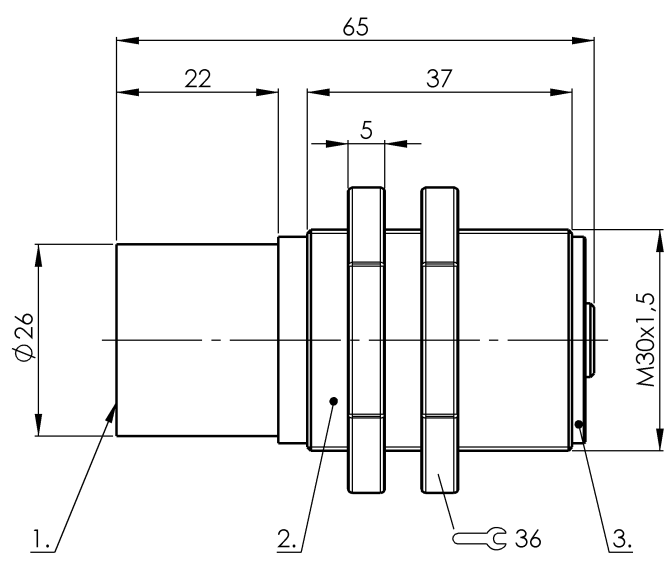


Capacitive Sensors
BCS M30T4G1-XXS20H-SZ02-T08
Order Code: BCS00A2

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	M30

Electrical connection

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

Electrical data

Switching frequency	100 Hz
Utilization category	DC -13

Environmental conditions

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

Remarks

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

Interface

Interface	Special interface
-----------	-------------------

Material

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

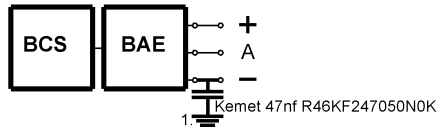
Mechanical data

Dimension	Ø 30 x 65 mm
Installation	non-flush
Size	M30x1.5
Thread (A)	M30x1.5
Tightening torque	90 Nm

Range/Distance

Hysteresis H max. (% of Sr)	15.0 %
Measuring range	1...20 mm
Rated operating distance Sn	20 mm
Repeat accuracy max. (% of Sr)	2.0 %

Installation remarks



1) Machine GND