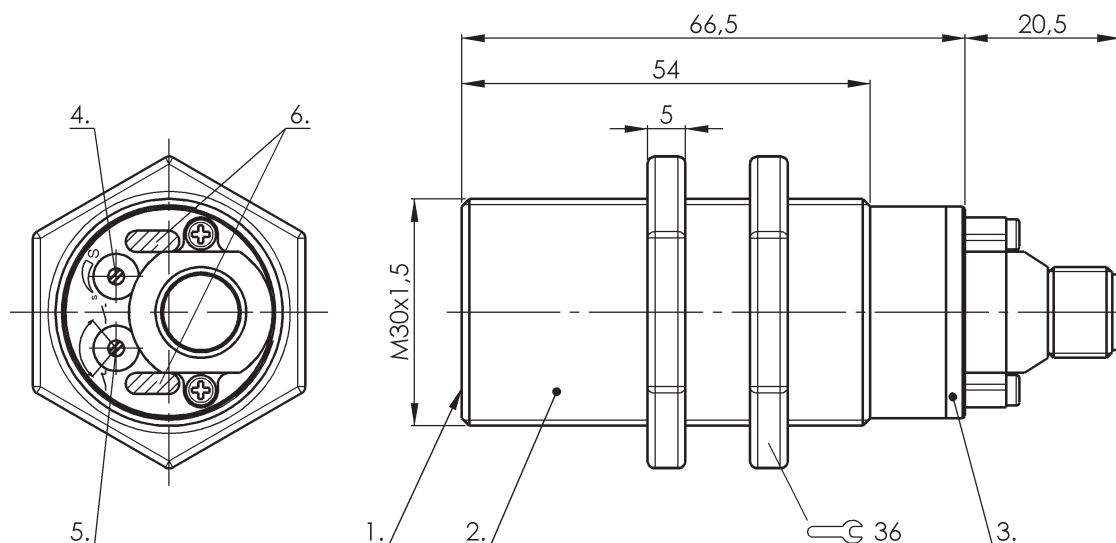




1) Active surface 2) Housing 3) Top cover 4) Pot 5) NO or NC selectable 6) LED function indicator

- PNP
- Output programmable
- 20.00 mm
- Flush (shielded)
- Connector, M12x1-S04



IND. CONT. EQ. 81U2
for use in the secondary of
a class 2 source of supply



IND. CONT. EQ.
81U2
for use in the secondary of
a class 2 source of supply

General attributes

Approvals / Conformity

Basic standard	CE
Enclosure Type per IEC 60529	cULus
Function indicator	IEC 60947-5-2
Polarity reversal protected	IP66/IP64 on connector output
Power indicator	Yes
Scope of delivery	Yes
Short circuit protected	2 nuts
MTTF	Yes
	455 a

Electrical attributes

Connection type	Connector
Eff. operating current I _e	300 mA
Electrical version	DC, direct current
Operating voltage U _B max. DC [V]	35.0 V
Operating voltage U _B min. DC [V]	10.0 V
Rated insulation voltage U _i	75 V DC
Ripple max. (% of U _e)	10 %
Switching freq. f max. (at U _e)	100 Hz
Switching function	Output programmable
	PNP

Voltage drop static max.

1.8 V

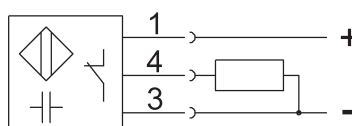
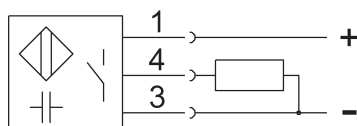
Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-30 °C
Connector type	M12x1-S04
Cover material	PBT / PE
Diameter d1	M30x1.5
Housing material	1.4301
Mech. installation condition	Flush (shielded)
Mounting length	54.0 mm
Rated operating distance S _n [mm]	20.00 mm
Sensing face material	PBT
Tightening torque	90 Nm

Remarks

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.



Capacitive Sensor

BCS M30B4M2-PPM20C-S04G
BCS004T

BALLUFF
sensors worldwide

