

KBK Antriebstechnik GmbH

Unterlandstraße 46
D-63911 Klingenberg
Deutschland

Tel.: +49 (0)9372-94061-0
Fax: +49 (0)9372-94061-29
E-Mail: info@kbk-antriebstechnik.de



Inductiv sensor KBK

Technical data:

Please refer the accompanying installation instructions for the sensing distance and switching path of the overload clutch.

• Electrical data:

Design	DC PNP
Operating voltage	10 ... 30 V DC
Current consumption	<10 mA (bei 24 V DC)
Protection class	III

• Outputs

Output function	normally open
Current rating	100 mA
Voltage drop	< 2,5 V
Short-circuit protection	yes, pulsed
Reverse polarity protection	yes
Overload protection	yes
Switching frequency	700 Hz

• Detection zone

Nominal sensing range (Sn))	4 mm, flush mountable [f]
Assured operating distance	0 ... 3,24 mm
Correction factors metal	mild steel = 1; stainless steel approx. 0.7; brass approx. 0.5; Al approx. 0.4, Cu approx. 0.3

• Environmental conditions

Temperature range	-25 ... 70°C
Protection	IP67

• Approvals / tests

EMC	EN 60947-5-2
MTTF	1642 years

• Mechanical data

Housing materials	brass white bronze coated; PBT; PEI
Weight	0,03 kg

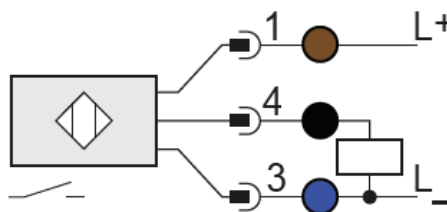
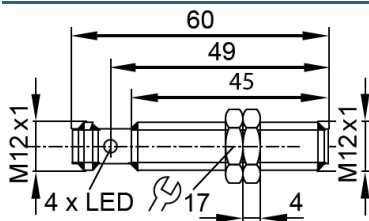
• Display / operating elements

Switching status indication	4 x yellow LED, visible from all sides
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• Electric connection

M12 connector - A-coded, gold-plated contacts

SCALE DRAWING / PIN CONFIGURATION



Geschäftsführung:
Dipl. Ing. FH Sven Karpstein
Dipl. Ing. Bernd Brenner
Handelsregister: Aschaffenburg HRB 8782
Ust.-Id.Nr.: DE 229 986 900

Tel: +49 (0)9372-94061-0
Fax: +49 (0)9372-94061-29
info@kbk-antriebstechnik.de
www.kbk-antriebstechnik.de
www.kbk-couplingsystems.com