



**Basic features**

<b>Approval/Conformity</b>	CE UKCA WEEE
<b>Component</b>	Remote
<b>Function</b>	Signal transmission
<b>Use</b>	for inductive coupler base BIC0009

**Display/Operation**

<b>Function indicator</b>	yes
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**Electrical connection**

<b>Connection 1</b>	M12x1-Female, 12-pin
<b>Connection 2</b>	12-pin
<b>Short-circuit protection</b>	yes

**Electrical data**

<b>Output voltage</b>	24 VDC
<b>Rated output current</b>	500 mA
<b>Ready delay tv max.</b>	100 ms
<b>Ripple Ua max.</b>	100 mV
<b>Signal type</b>	unidirectional
<b>Switching frequency</b>	40 Hz

**Environmental conditions**

<b>Ambient temperature</b>	0...55 °C
<b>IP rating</b>	IP67
<b>Interference immunity</b>	EN 61000-4-2/3/4/5/6
<b>Storage temperature</b>	-25...75 °C

**Functional safety**

<b>MTTF (40 °C)</b>	85 a
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**Interface**

<b>Digital inputs</b>	8x PNP
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**Material**

<b>Housing material</b>	Nickel-plated brass, coated
<b>Housing material, surface protection</b>	coated
<b>Material sensing surface</b>	PC

**Mechanical data**

<b>Dimension</b>	∅ 30 x 106 mm
<b>Installation</b>	non-flush
<b>Offset</b>	±4 mm
<b>Size</b>	M30x1.5
<b>Tightening torque max.</b>	70 Nm
<b>Tightening torque pigtail</b>	0.6 Nm
<b>Weight</b>	160 g

**Range/Distance**

<b>Range</b>	0...5 mm
<b>Transmission distance</b>	0...5 mm

## Remarks

For additional information, refer to user's guide.

Order accessories separately.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

## Connector Drawings



PIN 1: +24V

PIN 2: 0V

PIN 3: Input 1

PIN 4: Input 2

PIN 5: Input 3

PIN 6: Input 4

PIN 7: Input 5

PIN 8: Input 6

PIN 9: Input 7

PIN10: Input 8

PIN11: not used

PIN12: not used