

1) LED function indicator



**Basic features**

Approval/Conformity	CE EAC WEEE
Component	Remote
Function	Signal transmission
Use	for inductive coupler base BIC007T

**Electrical data**

Output voltage	12 VDC
Rated operating voltage Ue DC	24 V
Rated output current	80 mA
Ready delay tv max.	80 ms
Ripple max. (% of Ue)	10 %
Signal type	unidirectional
Switching frequency	60 Hz

**Display/Operation**

Function indicator	yes
InZone indicator	yes
Switching function display	LED

**Environmental conditions**

Ambient temperature	0...50 °C
Interference immunity	EN 61000-4-2/3/4/5/6
Protection degree	IP67
Storage temperature	-10...70 °C

**Electrical connection**

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	4.5 mm
Cable length L	5 m
Conductor cross-section	0.34 mm <sup>2</sup>
Connection type	Cable, 5 m, PUR
Number of conductors	7
Short-circuit protection	yes

**Functional safety**

MTTF (40 °C)	10 a
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**Material**

Housing material	Nickel-plated brass, coated
Housing material, surface protection	coated
Material jacket	PUR
Material sensing surface	PA 6.6

**Mechanical data**

Dimension	Ø 18 x 61 mm
Installation	non-flush
Offset	±3 mm
Size	M18x1
Tightening torque max.	70 Nm
Weight	190 g

**Output/Interface**

Digital inputs	4x PNP
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**Range/Distance**

Range	1...3 mm
Transmission distance	1...3 mm

**Remarks**

For additional information, refer to user's guide.

Order accessories separately.

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

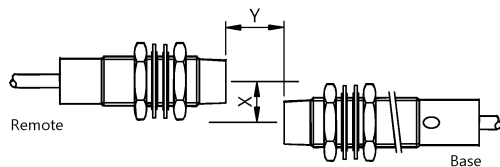
Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

**Wiring Diagrams**

BIC Remote	WH	24 V
	BU	Signal GND / signal ground
	BN	Sensor 1
	PK	Sensor 2
	YE	Sensor 3
	GN	Sensor 4
	GY	NC (nicht belegt)

**Help Views**

X (mm)	Y (mm)
≤ 3	< 3



Distance + offset, remote-base