

1) LED function indicator



Basic features

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

Display/Operation

Function indicator	yes
InZone indicator	yes
Switching function display	LED

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 ²
Connection type	Cable, 5 m, PUR
Number of conductors	7
Short-circuit protection	yes

Electrical data

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

Environmental conditions

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

Functional safety

MTTF (40 °C)	10 a
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Interface

Digital inputs	4x PNP
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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

Inductive Couplers
BIC 2I22-P2A02-M18MF2-EPX07-050
Order Code: BIC007U

BALLUFF

Mechanical data

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

Weight 190 g

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

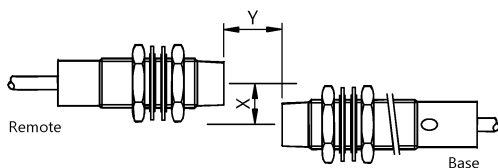
Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

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