

1) LED function indicator



Basic features

Approval/Conformity	CE WEEE
Component	Base
Function	Signal transmission
Use	for inductive coupler remote BIC007U

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

Current load per output max.	50 mA
Rated operating current I _e	500 mA
Rated operating voltage U _e DC	24 V
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)	6 a
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Interface

Digital outputs	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 1I22-P2A02-M18MN2-EPX07-050
Order Code: BIC007T



Mechanical data

Dimension	Ø 18 x 94 mm
Installation	non-flush
Offset	±3 mm
Size	M18x1
Tightening torque max.	70 Nm

Weight

210 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

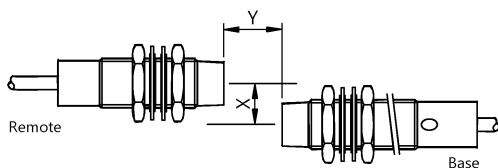
Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Wiring Diagrams

BIC BASE	WH	24 V
	BU	FE / Function ground
	GY	DAV / In Zone
	BN	Sensor 1
	PK	Sensor 2
	YE	Sensor 3
	GN	Sensor 4

Help Views

X (mm)	Y (mm)
≤ 3	< 3



Distance + offset, remote-base