

Basic features

Approval/Conformity	CE EAC WEEE
Component	Base
Function	Signal transmission
Use	for inductive coupler remote BIC005J for inductive coupler remote BIC000A

Display/Operation

Function indicator	yes
InZone indicator	yes
Power indicator	yes

Electrical connection

Connection 1	M12x1-Male, 12-pin
Connection 2	12-pin
Short-circuit protection	yes

Electrical data

Current load per output max.	50 mA
Rated operating current I_e	1000 mA
Rated operating voltage U_e DC	24 V
Ripple max. (% of U_e)	5 %
Signal type	unidirectional
Switching frequency	40 Hz

Environmental conditions

Ambient temperature	0...55 °C
Interference immunity	EN 61000-4-2/3/4/5/6
Protection degree	IP67
Storage temperature	-25...75 °C

Functional safety

MTTF (40 °C)	83 a
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Material

Housing material	Nickel-plated brass, coated
Housing material, surface protection	coated
Material sensing surface	PC

Mechanical data

Dimension	Ø 30 x 107 mm
Installation	non-flush
Offset	±4 mm
Size	M30x1.5
Tightening torque max.	70 Nm
Tightening torque pigtail	0.6 Nm
Weight	160 g

Output/Interface

Digital outputs	8x PNP
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Range/Distance

Range	0...5 mm
Transmission distance	0...5 mm

Remarks

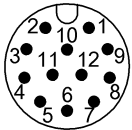
For additional information, refer to user's guide.

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: Output 1

PIN 4: Output 2

PIN 5: Output 3

PIN 6: Output 4

PIN 7: Output 5

PIN 8: Output 6

PIN 9: Output 7

PIN10: Output 8

PIN 11: In Zone

PIN12: n.c.