

## Basic features

Approval/Conformity	CE EAC WEEE
Component	Base
Function	Power only
Use	for inductive coupler remote BIC0008

## Display/Operation

Function indicator	yes
InZone indicator	yes
Power indicator	yes

## Electrical connection

Connection 1	M12x1-Male, 4-pin
Connection 2	4-pin
Short-circuit protection	yes

## Electrical data

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	10 Hz
Transmission power	12 W

## Environmental conditions

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

## Functional safety

MTTF (40 °C)	83 a
--------------	------

## Material

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

## Mechanical data

Dimension	Ø 30 x 100 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 inputs	PNP
----------------	-----

## Range/Distance

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

## Inductive Couplers

**BIC 1P0-P2A50-M30MI3-SM4A4A**

**Order Code: BIC0007**

# BALLUFF

### Remarks

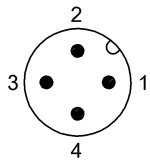
For additional information, refer to user's guide.

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 3: 0V