



1) Sensing surface



## Basic features

Antenna type	round
Approval/Conformity	CE UKCA cULus WEEE
EN 55011	Size 1, Cl. A
Principle of operation	Read/write head

## Electrical connection

Connection	M12x1-Male
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## Environmental conditions

Ambient temperature	0...70 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
IP rating	IP67
Storage temperature	-20...85 °C

## Functional safety

MTTF (40 °C)	15080 a
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## Material

Housing material	1.4571 stainless steel, 1.4571 stainless steel
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## Mechanical data

Application weight	25.00 g
Dimension	Ø 18 x 45 mm
Installation	metal-free (clear zone) on metal flush in metal
Size	M18x1

LF (70/455 kHz)  
BIS C-325/05-S4  
Order Code: BIS007R

**BALLUFF**

#### Remarks

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Time specification includes data check.

Specified relative speed refers to reading/writing the first 4 bytes from the first page.

Use included nuts for installation.

Values are under rated conditions unless otherwise specified.

Only together with converter BIS C-901 or BIS C-6xx

For basic equipment order cable also, e.g.: BIS C-505-PU1-05 BIS C-505-PU-05 BIS C-506-PU1-05 BIS C-506-PU-05 BIS C-517-PVC-05 BIS C-518-PVC-05

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.

