



1) Sensing surface



### Basic features

<b>Antenna type</b>	round
<b>Approval/Conformity</b>	CE cULus WEEE
<b>EN 55011</b>	Size 1, Cl. A

### Electrical connection

<b>Connection</b>	M12x1-Male
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### Environmental conditions

<b>Ambient temperature</b>	0...70 °C
<b>Continuous shock load</b>	yes
<b>EN 60068-2-27, Shock</b>	yes
<b>EN 60068-2-32 Free fall</b>	yes
<b>EN 60068-2-6, Vibration</b>	yes
<b>Protection degree</b>	IP67
<b>Storage temperature</b>	-20...85 °C

### Functional safety

<b>MTTF (40 °C)</b>	15080 a
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### Material

<b>Housing material</b>	Stainless steel (1.4571), Stainless steel (1.4571)
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### Mechanical data

<b>Application weight</b>	25.00 g
<b>Dimension</b>	Ø 18 x 45 mm
<b>Installation</b>	metal-free (clear zone) on metal flush in metal
<b>Size</b>	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.

