



1) Sensing surface, 2) Clear zone



## 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>Bending radius min., fixed cable</b>	5 x D
<b>Bending radius min., flexible cable</b>	10 x D
<b>Cable diameter D</b>	5.40 mm
<b>Cable length L</b>	5 m, Drag chain compatible
<b>Cable, bending cycles min.</b>	2 million
<b>Connection</b>	M12x1-Female
<b>Connection type</b>	5.00 m, PU

## Environmental conditions

<b>Ambient temperature</b>	0...70 °C
<b>Cable temperature, drag chain</b>	-25...60 °C
<b>Cable temperature, fixed routing</b>	-50...80 °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>	PBT, Blue, Nuts PA 6.6 black
<b>Material jacket</b>	PU

## Mechanical data

<b>Application weight</b>	197.00 g
<b>Dimension</b>	Ø 18 x 80 mm
<b>Installation</b>	metal-free (clear zone)
<b>Size</b>	M18x1

LF (70/455 kHz)  
**BIS C-319-PU1-05**  
Order Code: BIS0078

**BALLUFF**

## Remarks

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

For installation in metal: Observe clear zone.

Use included plastic nuts for installation.

Time specification includes data check.

Values are under rated conditions unless otherwise specified.

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

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.

## Help Views

