

1) Sensing surface, 2) Active surface data carrier, 3) Active surface R/W head, 4) Processor or converter, 5) see remarks



Basic features

Antenna type	round
Approval/Conformity	CE WEEE EAC
EN 55011	Size 1, Cl. A
Principle of operation	Data Coupler

Electrical connection

Bending radius min., fixed cable	3 x D
Bending radius min., flexible cable	3 x D
Cable diameter D	4.80 mm
Cable length L	1 m
Connection type	wireless, 1.00 m, PU

Environmental conditions

Ambient temperature	0...70 °C
Cable temperature, fixed routing	-40...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)	16987 a
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Material

Housing material	Brass, Nickel-plated brass nuts, nickel plated
Housing material, surface protection	nickel-plated
Material jacket	PU

Mechanical data

Application weight 100.00 g
Dimension Ø 16 x 35 mm

Installation

Size
Style 2

metal-free (clear zone)
on metal
flush in metal
M16x1
M16x1

Remarks

Values are under rated conditions unless otherwise specified.

Only together with converter BIS C-901 or BIS C-6xx and the appropriate read/write head.

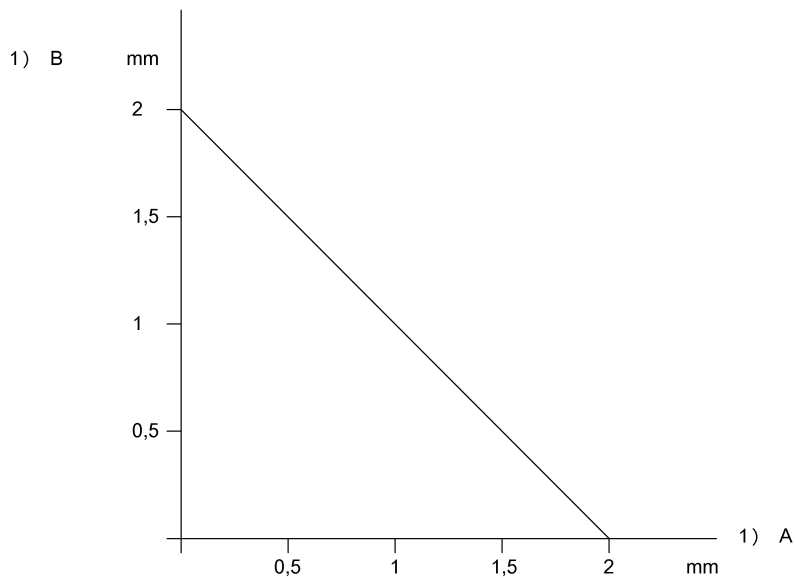
Use included nuts for installation.

5) Caution: Marking "R/W-Head" must point towards BIS C-30x read/write head, see cable imprint. Active surface without marking on the cable must point towards data carrier.

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.

Technical Drawings



1) Distance