



1) Sensing surface



Basic features

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

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	2 m
Connection type	2.00 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

Material

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

Mechanical data

Application weight	210.00 g
Dimension	Ø 12 x 40.5 mm
Installation	metal-free (clear zone) on metal flush in metal
Size	M12x1

Remarks

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

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

Values are under rated conditions unless otherwise specified.

Time specification includes data check.