

1) Sensing surface, 2) Clear zone, 3) Cable length see text, 4) LED (Power), 5) LED (CP), 6) Tightening torque



Basic features

Antenna type	round
Approval/Conformity	CE cULus EAC WEEE

Display/Operation

Function indicator	Operating, LED yellow flashing CP (Code tag present), LED yellow Power (ON), LED green
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	5.40 mm
Cable length L	0.5 m, Drag chain compatible
Cable, bending cycles min.	2 million
Connection	Male, 4-pin
Connection type	0.50 m, PU

Electrical data

EN 300330-1	Power Class 5
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Environmental conditions

Ambient temperature	0...70 °C
Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °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 Characteristics

Supported data carrier types	DIN ISO 14443 DIN ISO 15693
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HF (13.56 MHz)
BIS VM-306-001-S4
Order Code: BIS00T7

BALLUFF

Material

Housing material	Brass, Interface aluminum, nickel plated
Housing material, surface protection	nickel plated
Material jacket	PU

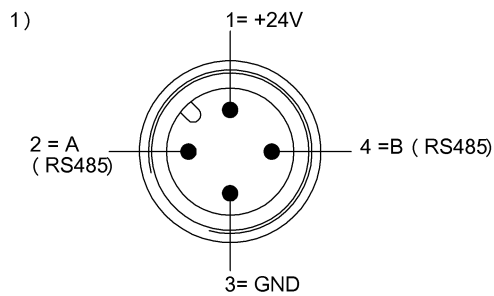
Mechanical data

Application weight	180.00 g
Dimension	Ø 12 x 37.3 mm
Installation	metal-free (clear zone)
Size	M12x1

Remarks

For basic equipment: Accessories see www.balluff.com
For installation in metal: Observe clear zone.
Values are under rated conditions unless otherwise specified.
Use included nuts and fastening clamps for installation.
Only together with BIS V-61xx

Connector Drawings



1) View towards connector

Help Views

BIS VM-306-__

	BIS M-105-01/L	BIS M-105-02/L	BIS M-122-01/A	BIS M-122-02/A
passende Datenträger Appropriate data carriers				
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>10	>10	>10	>10
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>60	>60	>60	>60
Schreibabstand in mm Write distance in mm	0-5	0-6	0-4	0-5
Leseabstand in mm Read distance in mm	0-5	0-6	0-4	0-5
Versatz in mm bei Abstand von	±2	±2	±2	±2
	2	2	2	2
	±1	±1	±1	±1
	4	4	4	4
Offset in mm at distance	±1	±1	±1	±1
	5	5	5	5
	±1	±1	±1	±1
	6	6	6	6
	±1	±1	±1	±1
	8	8	8	8
	10	10	10	10
	12	12	12	12
	15	15	15	15
	20	20	20	20
	25	25	25	25
	30	30	30	30

