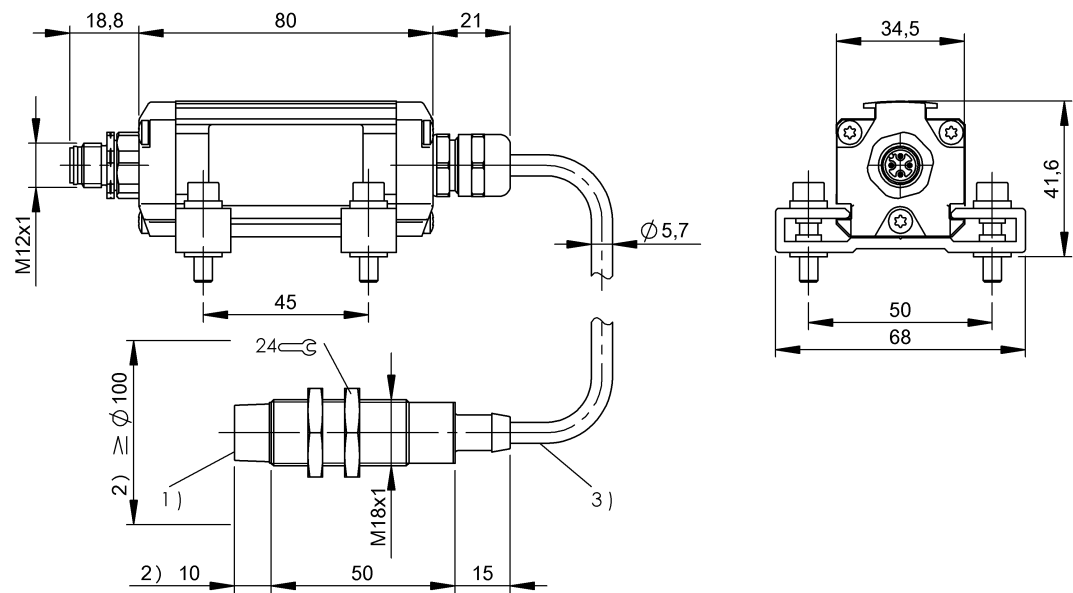




1) Sensing surface, 2) Clear zone, 3) Cable length



Basic features

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

Electrical connection

Cable diameter D	5.70 mm
Cable length L	0.5 m
Connection	M12x1-Male, 4-pin
Connection type	0.50 m, PVC

Environmental conditions

Ambient temperature	0...70 °C
Cable temperature, fixed routing	-30...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

Material

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

LF (125 kHz)
BIS VL-302-001-S4
Order Code: BIS00UF



Mechanical data

Application weight 210.00 g

Dimension

Ø 18 x 75 mm

Installation

metal-free (clear zone)

Size

M18x1

Remarks

Use included nuts and fastening clamps for installation.
Values are under rated conditions unless otherwise specified.
For installation in metal: Observe clear zone.
For basic equipment: Accessories see www.balluff.com
Only together with BIS V-6xxx

Help Views

BIS VL-302-__

	BIS L-100-01/L			BIS L-101-01/L			BIS L-102-01/L					
	metalfrei	non metal	auf Stahl	on steel	bundig in Stahl	flush in steel	metalfrei	non metal	auf Stahl	on steel	bundig in Stahl	flush in steel
passende Datenträger Appropriate data carriers Schreibabstand in mm Write distance in mm	0-20	8-15	8-15	0-25	10-20	10-20	0-30	10-25	10-20	10-25	10-20	
Leseabstand in mm Read distance in mm	0-20	8-15	8-15	0-25	10-20	10-20	0-30	10-25	10-20	10-25	10-20	
Versatz in mm bei Abstand von Offset in mm at distance	0 ±10			±12			±15					
	3 ±10			±12			±15					
	7 ±10			±12			±15					
	8 ±10	±6	±6	±12			±15					
	10 ±10	±5	±5	±12	±10	±8	±15	±15	±15	±15	±10	
	12 ±10	±4	±4	±12	±10	±8	±15	±15	±15	±15	±10	
	15 ±10	±0	±0	±12	±5	±5	±15	±15	±15	±15	±5	
	18 ±10			±12	±0	±0	±15	±15	±15	±10	±0	
	20 ±10			±12	±0	±0	±15	±15	±15	±10	±0	
	25			±12			±15	±15	±15	±0		
	30						±15					
	35											
	40											
	45											
	50											
	55											
	60											
	70											

BIS VL-302-__

	BIS L-200-03/L BIS L-100-05/L-RO			BIS L-201-03/L BIS L-101-05/L-RO			BIS L-202-03/L BIS L-102-05/L-RO			BIS L-203-03/L BIS L-103-05/L-RO		
passende Datenträger Appropriate data carriers	metallfrei	auf Stahl	on steel	metallfrei	auf Stahl	on steel	metallfrei	auf Stahl	on steel	metallfrei	auf Stahl	on steel
Schreibabstand in mm Write distance in mm	0-25	8-15	8-15	0-30	10-20	10-20	0-40	10-25	10-20	0-15	4-10	3-8
Leseabstand in mm Read distance in mm	±13			±15			±20			±6		
Versatz in mm bei Abstand von	3			±15			±20			±6		±5
	4			±15			±20			±6	±7	±4
Offset in mm at distance	8	±8	±6	±15			±20			±6	±6	±3
	10	±8	±6	±15	±10	±10	±20	±15	±8	±6	±5	
	12	±8	±6	±15	±10	±10	±20	±15	±8	±6		
	15	±0	±0	±15	±10	±8	±20	±15	±6	±6		
	18			±15	±0	±0	±20	±10	±0			
	20			±15	±0	±0	±20	±10	±0			
	25			±15			±20	±0				
	30			±15			±20					
	35						±20					
	40						±20					
	45											
	50											
	55											
	60											
	70											