

1) Active surface, 2) Data carrier, 3) Clear zone, 4) Tightening torque

Characteristic data

Enclosure Type per IEC 60529 IP67

Electrical data

Operating voltage 18...30 VDC, LPS / Class 2 supplied only
 Ripple ≤ 1.3 Vpp
 Current consumption (at 24 V DC) ≤ 150 mA
 Device interface IO-Link

Mechanical data

Connection Vs 24V DC, IO Link: Panel connector 4 pole
 Ambient temperature 0...+70 °C
 Storage temperature -20 °C ... +85 °C
 Housing material CuZn nickel plated

Antenna type Round
 Drag chain compatible
 Free fall EN 60068 Part 2-32
 Shock rating EN 60068 Part 2-27
 Continuous shock load EN 60068 Part 2-29
 Vibration rating EN 60068 Part 2-6
 Application weight 100 g

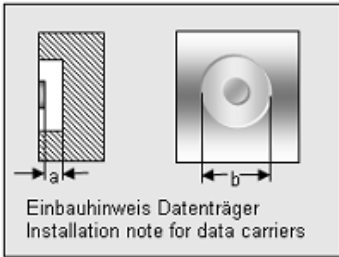
Remarks

For installation in metal: Observe clear zone.
 Order accessories separately.
 Values are under rated conditions unless otherwise specified.
 For mounting use only included nuts.
 When installing, the technical standards and regulations of the corresponding countries must be observed.



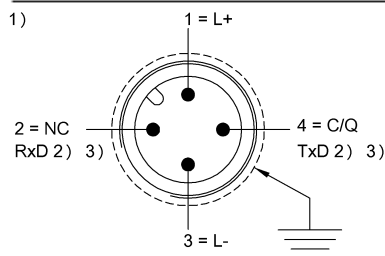
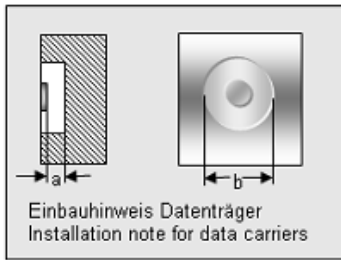
BIS M-400-xxx-001-__

	BIS M-101-01/L			BIS M-102-01/L			BIS M-105-01/A		BIS M-105-02/A		BIS M-108-02/L		
passende Datenträger Appropriate data carriers													
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>25	>10	>5	>50	>15	>10	>20	>5	>20	>5	>25	>0	
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>100	>60	>50	>150	>90	>70	>100	>100	>100	>100	>100	>0	
Schreibabstand in mm Write distance in mm	0-20	0-15	0-12	0-28	0-20	0-12	0-7	0-6	0-11	0-7	0-28	0-16	
Leseabstand in mm Read distance in mm	0-20	0-15	0-12	0-28	0-20	0-12	0-7	0-6	0-11	0-7	0-28	0-16	
Versatz in mm bei Abstand von	0	±14	±10	±6	±20	±15	±6	±7	±6	±9	±6	±16	±10
	5	±14	±10	±6	±20	±15	±6	±7	±6	±8	±6	±16	±10
	9	±14	±8	±4	±20	±15	±3			±5		±14	±8
Offset in mm at distance	12	±10	±4	±2	±20	±13	±2					±14	±6
	15	±10	±2	±20	±10							±14	±6
	16	±8		±18	±3							±14	±4
	18	±6		±16								±14	
	20	±5		±15								±14	
	22			±15								±12	
	25			±10								±12	
	30												
	32												
	35												
	40												
	43												
	45												
	50												
	52												
	60												
	65												
	70												



BIS M-400-xxx-001-__

	BIS M-110-02/L			BIS M-111-02/L			BIS M-112-02/L				
passende Datenträger Appropriate data carriers											
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>25	>10	>5	>25	>10	5	>50	>15	>10		
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>100	>60	>50	>100	>60	>50	>150	>90	>70		
Schreibabstand in mm Write distance in mm	0-20	0-15	0-8	0-28	0-18	0-10	0-38	0-25	0-15		
Leseabstand in mm Read distance in mm	0	±12	±8	±16	±10	±7	±22	±16	±13		
Versatz in mm bei Abstand von	5	±12	±8	±16	±10	±7	±22	±16	±13		
	9	±10	±6	±14	±8	±2	±22	±14	±10		
Offset in mm at distance	12	±8	±4	±14	±7		±20	±13	±8		
	15	±8	±2	±14	±6		±20	±12	±6		
	16	±5		±14	±3		±20	±10			
	18	±5		±14	±2		±20	±10			
	20	±5		±14			±20	±8			
	22			±12			±20	±6			
	25			±12			±20	±4			
	30						±16				
	32						±10				
	35						±10				
	40										
	43										
	45										
	50										
	52										
	60										
	65										
	70										



1) View towards connector, 2) Service, 3) (Only for Balluff Service)