

Order Code: BIS00RU

[illegible]

CE  US LISTED FCC IC EAC 

Current consumption max. at 24 V DC	50 mA
Current consumption max., note	no load
EN 300330-1	Power Class 5
Operating voltage U_b	19.2...26.4 VDC
Output current max.	200 mA
Residual ripple max.	included

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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Interface

Interface	RS232
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Material

Housing material	ABS, GF16, Interface aluminum
Material jacket	PU

Mechanical data

Application weight	238.00 g
Dimension	25 x 10 x 50 mm
Installation	metal-free (clear zone)

Remarks

Use included fastening clamps for installation.

* Connection RTS (TP) enables TP display in program BISCOMRW.EXE.

OUT TP switches to +24V when there is a data carrier in the zone.

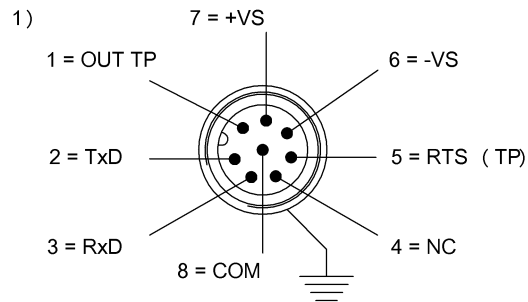
Order accessories separately.

Values are under rated conditions unless otherwise specified.

For installation in metal: Observe clear zone.

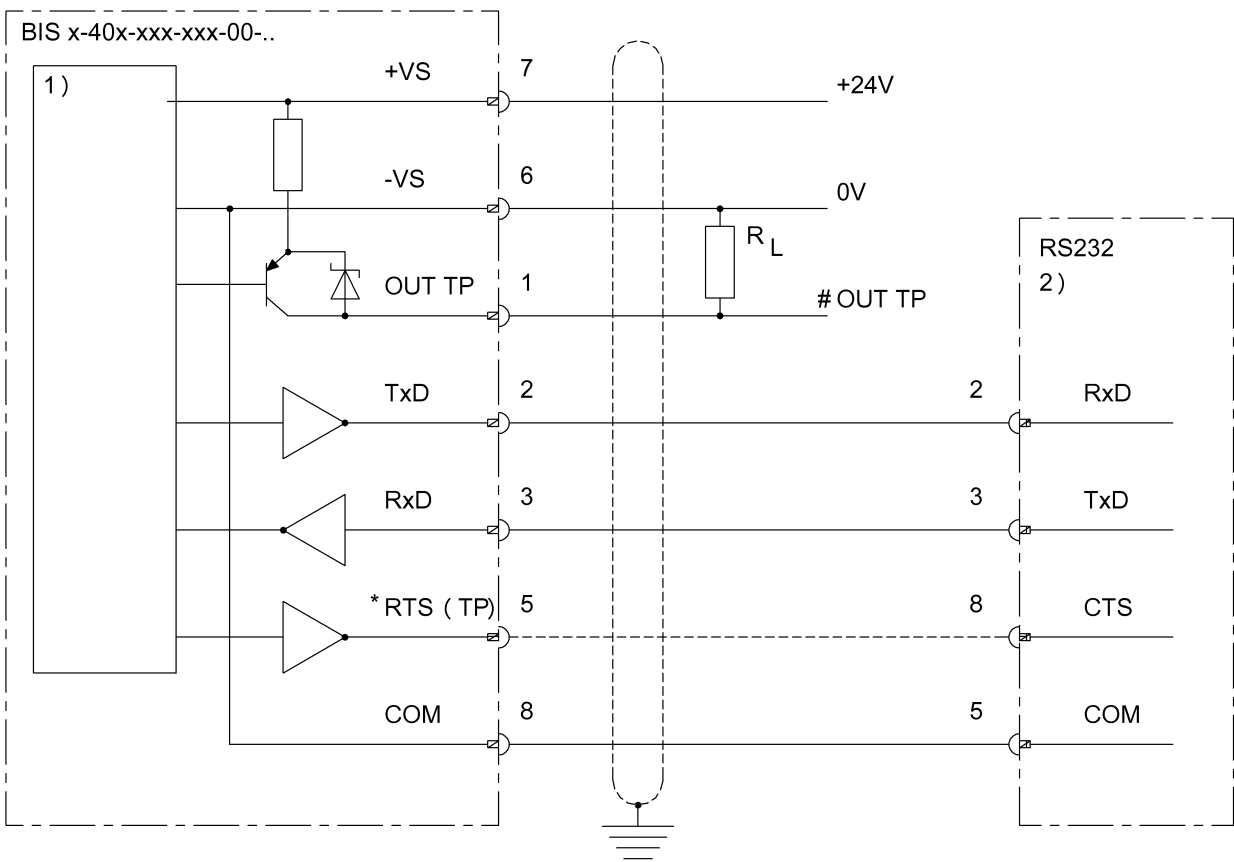
For basic equipment: Accessories see www.balluff.com

Connector Drawings



1) View towards connector

Wiring Diagrams

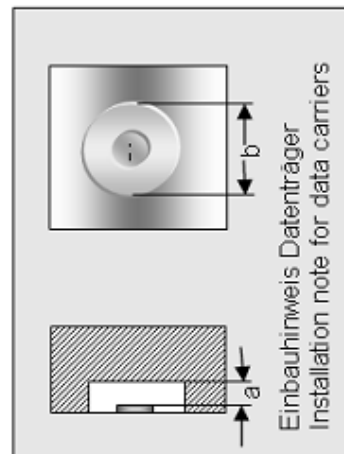


1) Internal circuit
2) 9-pin connection

Help Views

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passende Datenträger Appropriate data carriers	BIS M-105-01/A	BIS M-105-02/A	BIS M-110-02/L	BIS M-122-01/A	BIS M-122-02/A
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>10 >0	>10 >0	>25 >0	>10 >0	>10 >0
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>60 >0	>60 >0	>80 >0	>60 >0	>60 >0
Schreibabstand in mm Write distance in mm	0-6 0-4	0-8 0-6	0-15	0-5 0-4	0-8 0-5
Leseabstand in mm Read distance in mm	0-6 0-4	0-8 0-6	0-15	0-5 0-4	0-8 0-5
Versatz in mm bei Abstand von	±4 ±3	±5 ±4	±8	±4 ±3	±4 ±4
	±2	±5 ±2	±8	±2	±4 ±2
			±6		
			±4		
			±4		
Offset in mm at distance					
0					
5					
9					
12					
15					
16					
18					
20					
22					
25					
30					
32					
35					
40					
43					
45					
50					
52					
60					
65					
70					



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passende Datenträger Appropriate data carriers	BIS M-143-02/A- xx				
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>0				
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>100				
Schreibabstand in mm Write distance in mm	0-9				
Leseabstand in mm Read distance in mm	0-9				
Versatz in mm bei Abstand von	0 ±6 5 ±6 7 ±6 9 ±4 12 16 18 20 22 26 30 32 35 40 43 45 50 52 60 65 70				
Offset in mm at distance					

