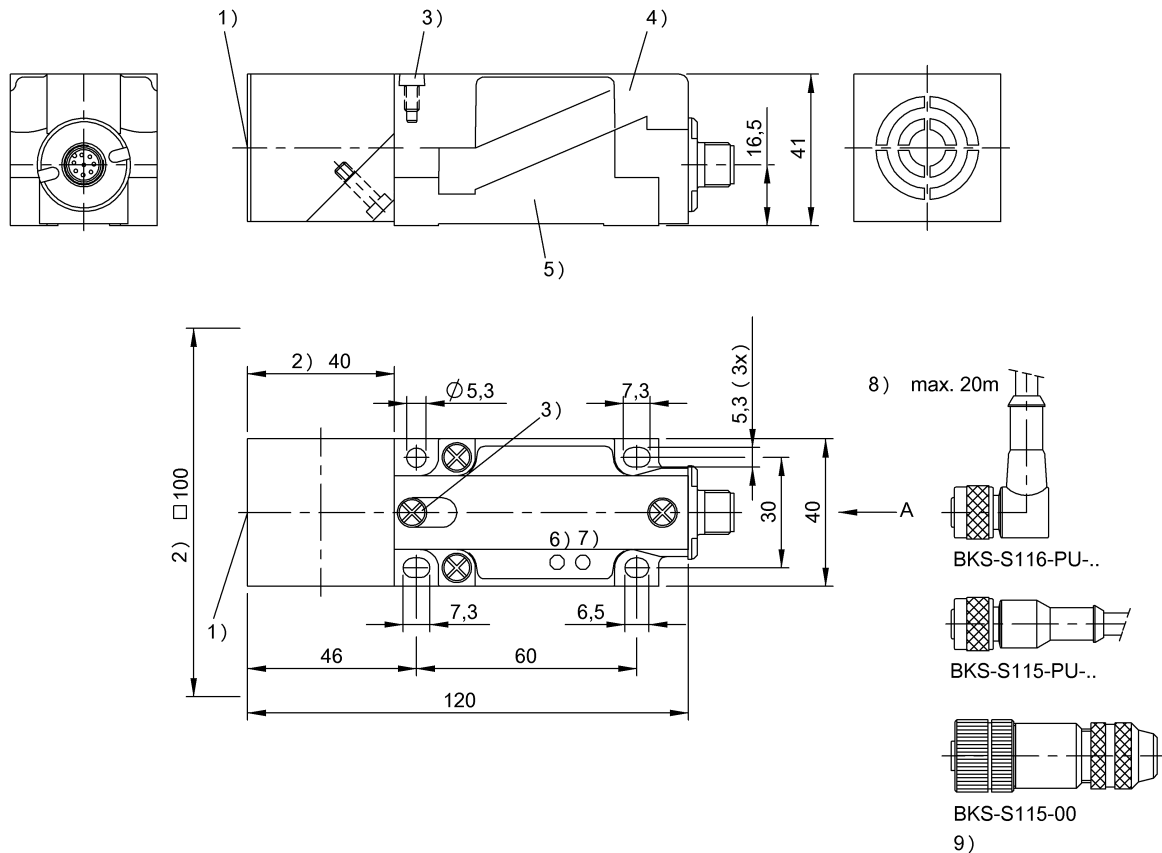




1) Sensing surface, 2) Clear zone, 3) Locking screw, 4) Module unit, 5) Mounting base, 6) Power, 7) Tag present, 8) Cable length, 9) no cable



Basic features

Antenna type	round
Approval/Conformity	CE cULus EAC WEEE
Principle of operation	Read head

Display/Operation

Overflow	Yellow LED, flashes
Power (ON)	Green LED
Tag Present (TP)	LED yellow

Electrical connection

Connection	(RS422/power supply): M12x1-Male, 8-pin
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Electrical data

Current consumption max. at 24 V DC	50 mA
EN 300330-1	Power Class 3
Operating voltage U_b	19.2...26.4 VDC
Residual ripple max.	included

Environmental conditions

Ambient temperature	0...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

Functional safety

MTTF (40 °C)	15080 a
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Interface

Interface RS422

Material

Housing material PBT

Mechanical data

Application weight 170.00 g
Dimension 40 x 41 x 120 mm
Installation metal-free (clear zone)

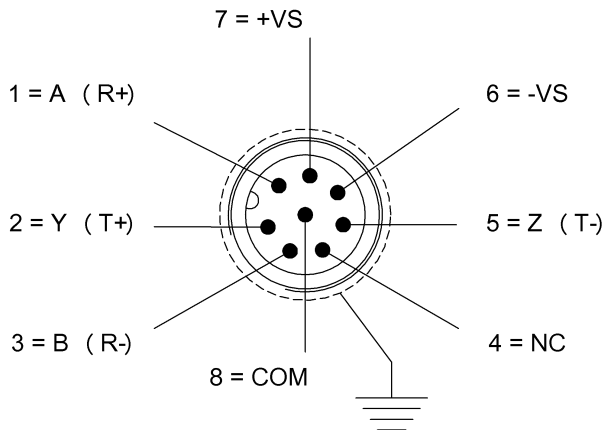
Remarks

Sensing face can be steplessly rotated (range 270°) and fixed with set screw
Order accessories separately.
Values are under rated conditions unless otherwise specified.
* Galvanic isolation is recommended for the supply voltage and RS422 interface! Data lines twisted pairs.
For basic equipment order female with cable.
Order code for female with 5m cable: BKS-S116-PU-05
For installation in metal: Observe clear zone.
For more information about MTTF and B10d see MTTF / B10d Certificate

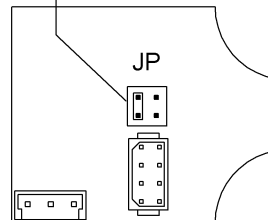
Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings

1)

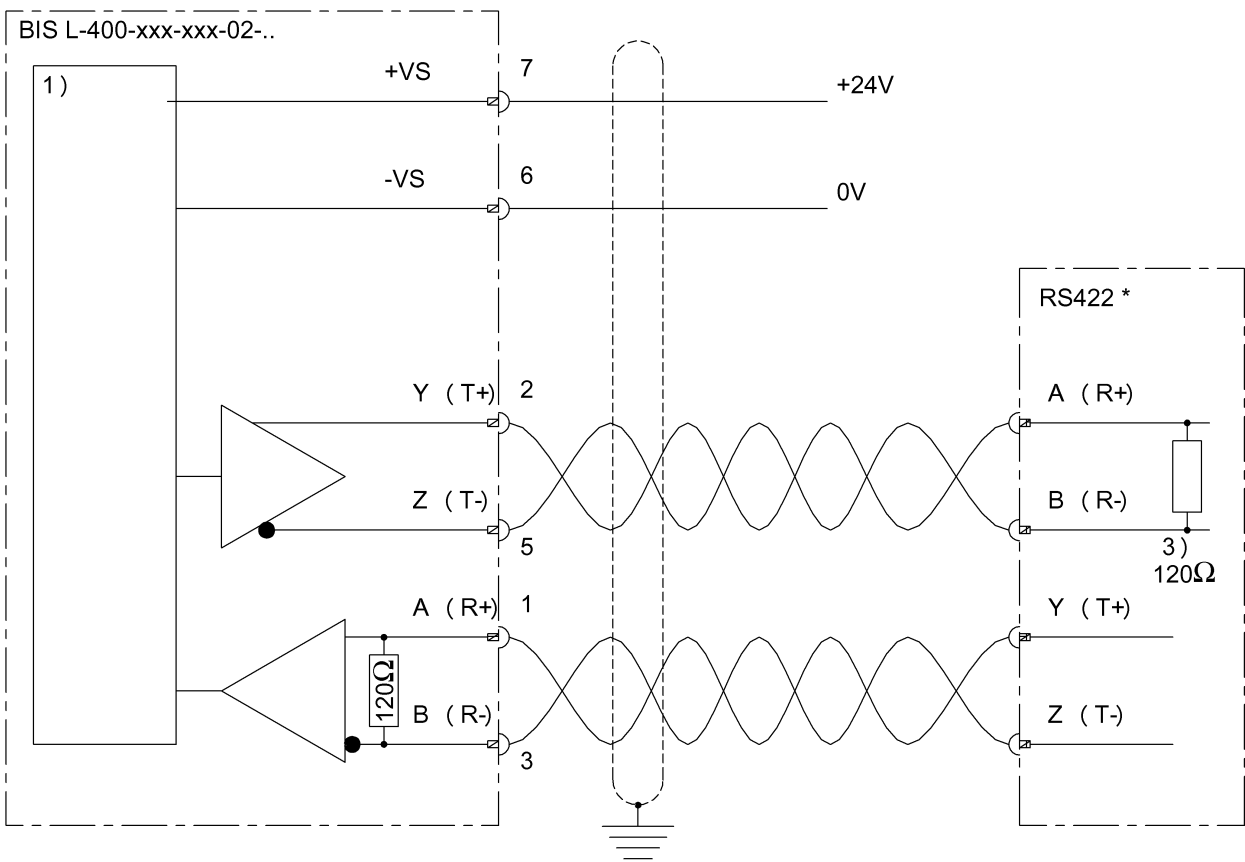


2)



- 1) Wiring note
2) Do not change position of JP!

Wiring Diagrams



Help Views

BIS L-40x-xxx-001-__

Read Only

passende Datenträger
Appropriate data carriers

Schreibabstand in mm

Write distance in mm

Leseabstand in mm

Read distance in mm

Versatz in mm

bei Abstand von

Offset in mm
at distance

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		
metallfrei	metallfrei	metallfrei	metallfrei		
0-30	0-40	0-55	0-20		
±15	±20	±30	±10		
0					
3					
7					
8					
10					
12					
15					
18					
20					
25					
30					
35					
40					
45					
50					
55					
60					
70					