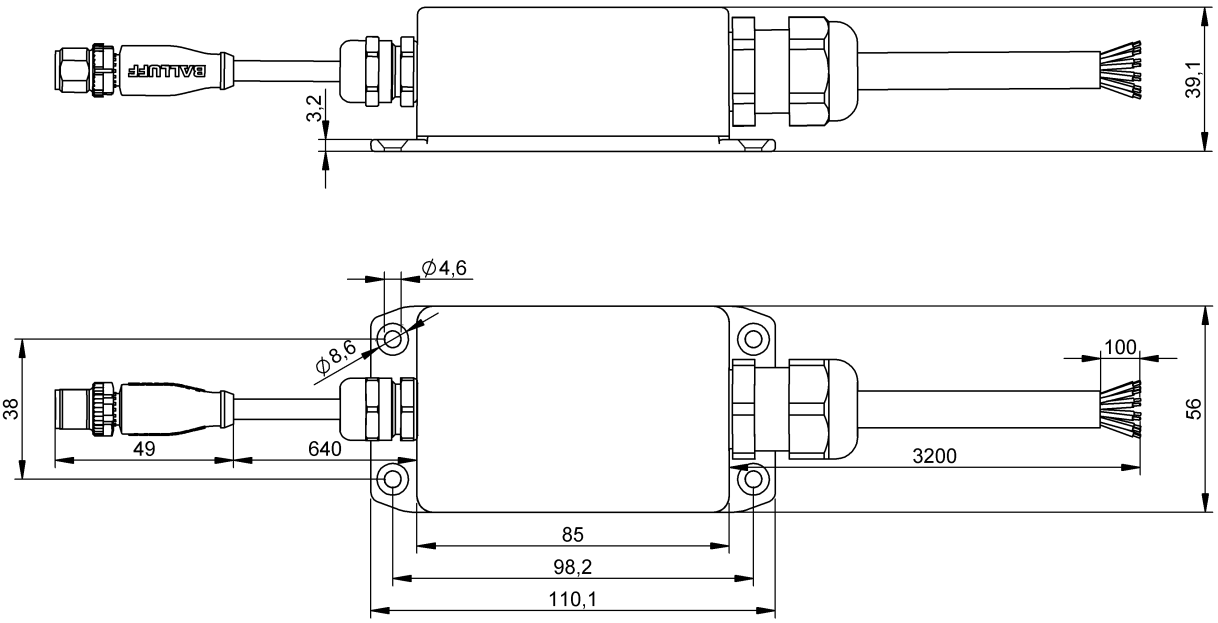
I/O modules

BNI IOL-752-V09-K007-C12
Order Code: BNI00FU



Basic features

Approval/Conformity	CE UKCA WEEE

Electrical connection

Cable length L	640 mm
Connection (COM 1)	M12x1-Male, 5-pin, A-coded
Connection slots	open cable end-Leads, 19-pin
Connection type	640 mm, PUR

Electrical data

Configurable inputs/outputs	no
Current consumption without load, max.	60 mA
Current sum UA, actuator	4 A
Current sum US, sensor	4 A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V

Environmental conditions

Ambient temperature	-5...55 °C
IP rating	IP40, plugged in
Storage temperature	-25...70 °C

Interface

Cycle time min.	3 ms
IO-Link version	1.1
Interface	IO-Link 1.1
Process data OUT	2 bytes
Process data cycle min.	3.0 ms
Transfer rate	COM2 (38.4 kBaud)

Material

Housing material	PA
Housing shield	no
Material jacket	PUR

Mechanical data

Dimension	56 x 39.1 x 110.1 mm
Weight	707.143 g

Remarks

Communication parameters, process data and parameter data correspond to BNI IOL-75x-V09-K007.
Identification data: Device ID 0x0504A1
Product ID BNI00FU
Product name BNI IOL-752-V09-K007-C12.
See short guide

Wiring Diagrams (Schematic)

Requirements	Wire color
0 V / GND	BU
Output 1	BN
Output 2	GN
Output 3	GY
Output 4	RD
Output 5	BK
Output 6	GN / BN
Output 7	YE / BN
Output 8	WH / GN
Output 9	VT
Output 10	WH
Output 11	YE
Output 12	PK
Output 13	GY / BN
Output 14	WH / GY
Output 15	GY / PK
Output 16	RD / BU

Help Views

Process data:

Byte	0								1								
Bit	7	6	5	4	3	2	1	0	7	6	5	4	3	2	1	0	
Description	Output 8 WH / GN	Output 7 YE / BN	Output 6 GN / BN	Output 5 BK	Output 4 RD	Output 3 GY	Output 2 GN	Output 1 BN	Output 16 RD / BU	Output 15 GY / PK	Output 14 WH / GY	Output 13 GY / BN	Output 12 PK	Output 11 YE	Output 10 WH	Output 9 VT	