

■ Valve connector



**General attributes**

Enclosure Type per IEC 60529	IP40 (when plugged in)
Indicator IO-Link comm.	Yes
Mounting instruction	See short guide
Scope of delivery	Short guide
Transmission protocol	IO-Link 1.0

**Electrical attributes**

Configurable in-/outputs	No
Current draw without load	30.0 mA
Cycle time min.	3 ms
Eff. operating voltage Ue DC	24 V
Indicator modul supply	Yes
Number of outputs 2A	24
Operating voltage UB max. DC [V]	30.2 V

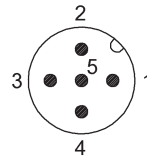
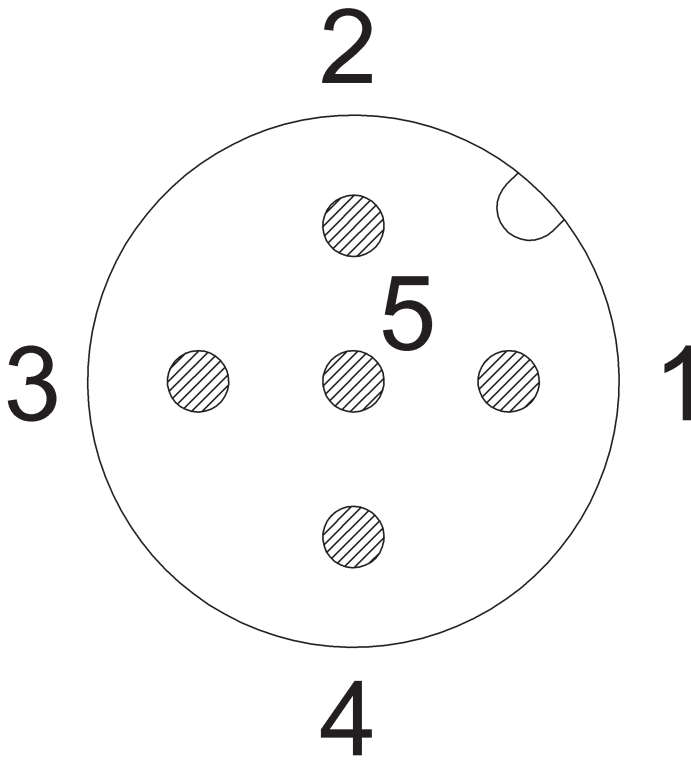
Operating voltage UB min. DC [V]	18 V
Process data cycle	12 ms at cycle time min.
Transfer rate	COM2 (38.4 kBaud)

**Mechanical attributes**

Ambient temperature Ta max.	55 °C
Ambient temperature Ta min.	-5 °C
Cable length	0.60 m
Frametype	1
Height	60.8 mm
Housing material	Macromelt 6208
Length	12.5 mm
Storage temperature max.	70 °C
Storage temperature min.	-25 °C
Width	53.0 mm

Network interface

**BNI IOL-751-V03-K007**  
**BNI001M**



IO-Link  
 PIN 1: +24 V, Controller  
 PIN 2: +24 V, Valve  
 PIN 3: 0V  
 PIN 4: IO-Link

IO-Link  
 PIN 1: +24 V, 1.6 A Controller  
 PIN 2: +24 V, 1.6 A Valve  
 PIN 3: 0V  
 PIN 4: IO-Link



PIN 1: Station 1-coil A  
 PIN11: Station11-coil A  
 PIN12: Station12-coil A  
 PIN13: 0 V  
 PIN14: Station 1-coil B  
 PIN15: Station 2-coil B  
 PIN16-23: Station...-coil B  
 PIN 2: Station 2-coil A  
 PIN24: Station11-coil B  
 PIN25: Station12-coil B  
 PIN 3-10: Station...-coil A