SBU IO-LINK



IO-Link Smart Box Unit, compatible with all EBRO valves. End position monitoring and diagnosis via IO-Link or conventional.

TECHNICAL FEATURES

Housing:	Aluminium (powder coated)
Protection class:	IP 65 / IP 67 / IP68
Corrosion protection:	C3 or optional C5M
Connection type:	M12 Class A Device Optional: Terminal connection
Communication:	IO-Link, SIO Mode and Bluetooth
Power supply:	24VDC ±10%
Max. current consumption:	< 200 mA
Temperature range:	-20°C to +70°C
Rotating angel:	From 0° to 240°
Sensors:	Position (Hall Sensor) Accelaration, Temperature
Output signals:	3 x adjustable open / closed contact (Position close, open and failure)
Solenoid valve:	2x 24 V DC, 2,1W control via IO-Link or external 24 V control signal
Accelaration sensor:	0 to 160 m/s² (direction independent)
IO-Link type:	COM3 (230.4 kBaud)
IO-Link revision:	1.1.3
IO-Link process cycle time:	1ms
Reverse polarity protection:	Yes
Approvals:	ATEX 2D, 2GD on request, IO-Link (ATEX-Version: without M12 plug connector, without RGB light element)

FEATURES

- Complete electrical control incl. solenoid valve via IO-Link
- Direct mounting according to VDI/VDE 3845
- Digital wear-free position detection of rotary actuators/valves
- Parameterization via IO-Link or App „EBRO Connect“
- Four process inputs are available and can be queried via IO-Link
  2x analog 4-20 mA
  2x digital 24V DC
- Diagnosis with additional sensor technology
- Acceleration sensor - detection of vibrations Process flow or similar
- Status LEDs freely programmable
- IoT connection for your application

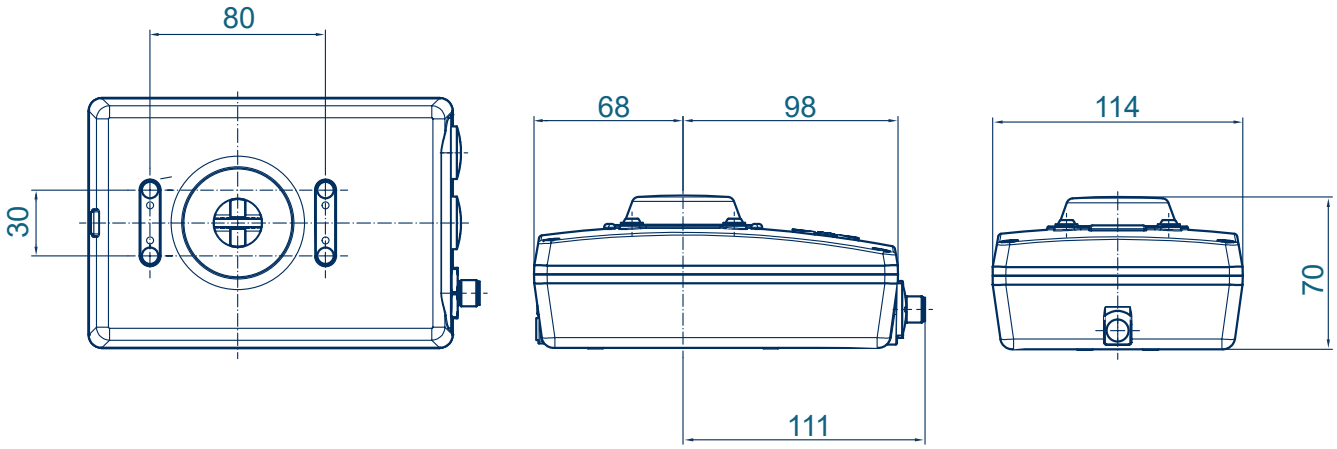


The complete unit including valve, actuator and SBU-IO Link.

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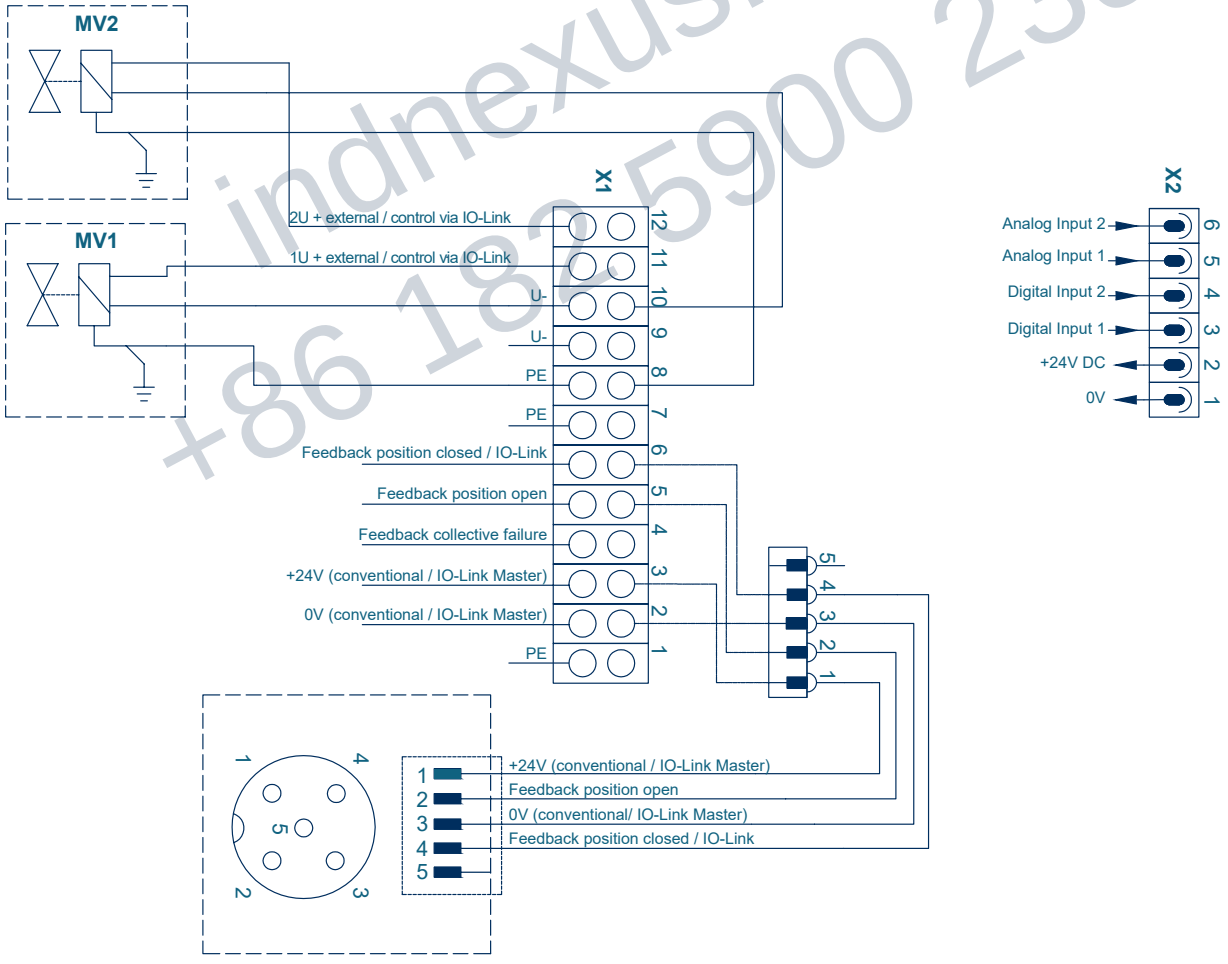
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MAIN DIMENSIONS



All dimensions in mm

ELECTRICAL PLAN



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Subject to change without notice

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