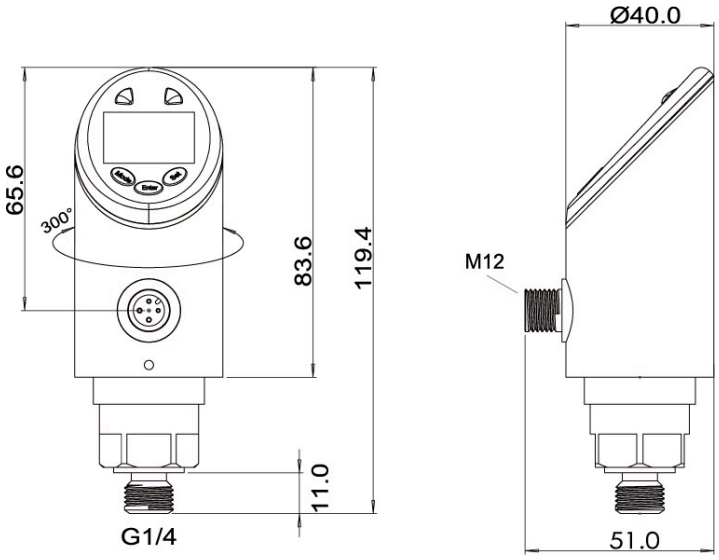
IO-Link Sensor

SEH-AB-1/4GA-APN6D-SC

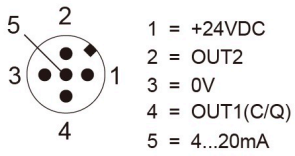
Pressure sensor with display



- IO-Link intelligent pressure sensor
- 4-digit large digital tube display;rotatable by 180°
- Housing is rotatable 300° after mounting the process connection
- NO/NC;PNP/NPN/push-pull;hysteresis/window configurable
- Switching outputs;analogue outputs;IO-Link
- Process connection G 1/4 external thread
- Stainless steel housing;suitable for harsh industrial environments
- M12 A-coded;5-pin connector
- Key lock function;simple menu operation
- Sensor parameters configurable via keys or IO-Link

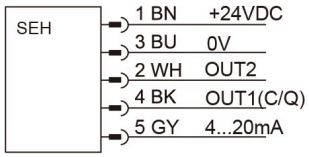
Model	SEH-AB-1/4GA-APN6D-SC
Operating voltage	24VDC ± 10%
Operating current	< 100mA
Pressure parameters	
Measuring range	-1...1 bar (-0.1...0.1 Mpa)
Admissible overpressure	2 bar
Electrical connection	M12 A-coded;5-pin
Accuracy	0.5%
Output parameters	
OUT1 signal	switching output;IO-Link(auto wake-up)
OUT2 signal	switching output
Output function	NPN/PNP/Push-Pull;NO/NC;Hysteresis/Window programmable
Digital output current	250mA
Set point SP	-0.99 bar...1 bar
Reset point rP	-1 bar...0.99 bar
Minimum SP-rP separation	0.01 bar (0.5%F.S*)
Resolution	0.001 bar
Analogue output	4...20mA
Max.load	500Ω
Analogue output accuracy	0.5%F.S
Minimum separation between analogue start and end points	0.4 bar (20%F.S)
IO-Link	
Vendor ID	1317 (0x0525)
Device ID	198673 (0x030811)
Number of interfaces	1
IO-Link version	V1.1
IO-Link input bytes	2 bytes (16Bit)
Frame type	TYPE_2_2
Transmission type	COM2 38.4kbit/s
Minimum cycle time	2400 us
ISDU(Indexed Service)	Supported
Block parameter operation	Not supported
Data storage(DS)	Not supported
Ambient temperature	-40...80℃
Protection	IP65

M12 interface



Note:
OUT1: switching output,IO-Link
OUT2: switching output

Wiring Diagram



*F.S:Full Scale of measuring range (e.g: measuring range = -1 ... 6 bar, F.S = 7)