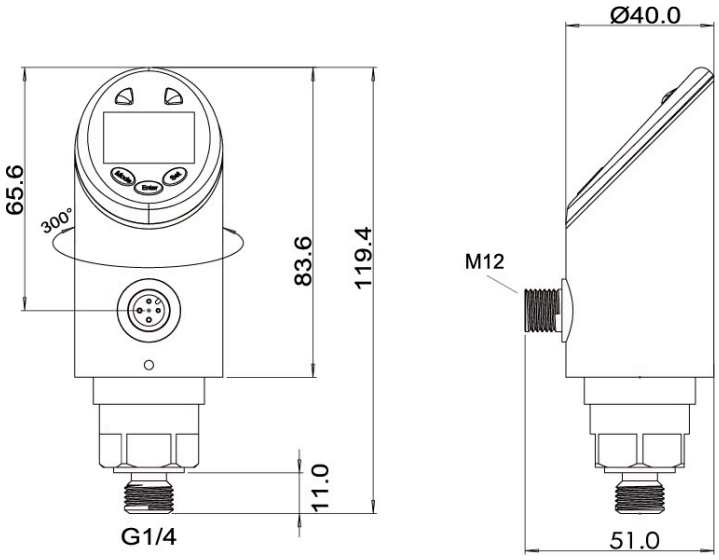
# IO-Link Sensor

## SEH-C3-1/4GA-APN6D-SC

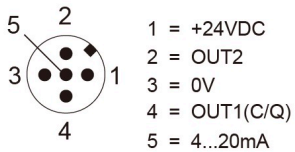
## Pressure sensor with display




- 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

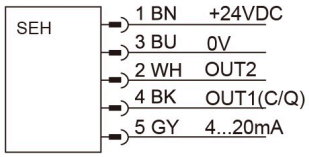
| Model | SEH-C3-1/4GA-APN6D-SC |
|---|---|
| Operating voltage | 24VDC ± 10% |
| Operating current | < 100mA |
| Pressure parameters | |
| Measuring range | 0...160 bar (0...16 Mpa) |
| Admissible overpressure | 320 bar |
| Electrical connection | M12 A-coded;5-pin |
| Accuracy | 0.5% |
| Output parameters | |
| 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 | 0.8 bar...160 bar |
| Reset point rP | 0 bar...159.2 bar |
| Minimum SP-rP separation | 0.8 bar (0.5%F.S*) |
| Resolution | 0.1 bar |
| Analogue output | 4...20mA |
| Max.load | 500Ω |
| Analogue output accuracy | 0.5%F.S |
| Minimum separation between analogue start and end points | 32 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)