

PRESSURE SENSOR 0-10 V

Part No.: 200203

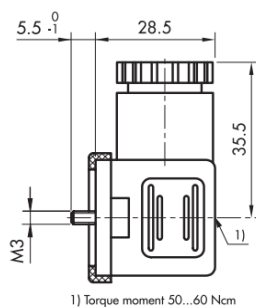
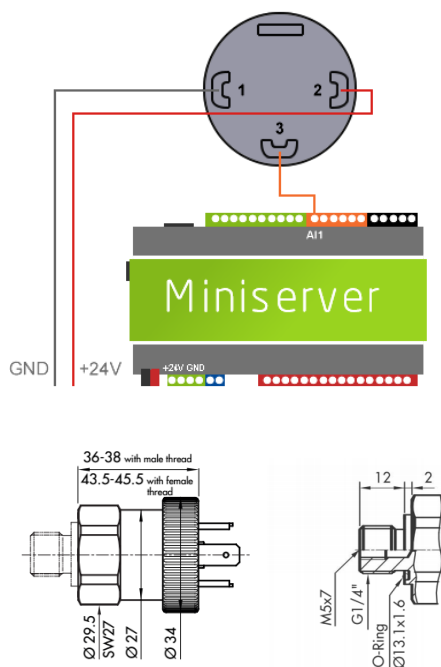
KEY FEATURES

- Sensor: Thick film on ceramic
- Measuring range: 0...6bar
- Output signal: 0-10V

ACCURACY

- NLH @ +25°C (BSL): ± 0.3 % FS typ.

CONNECTION



TECHNICAL DATA

Output signal	Output: 0-10 V Load resistance: > 5.0 kΩ I (supply): < 10 mA
Supply voltage	24 (15...30) VDC
Measuring range	0...6bar
Over pressure	12 bar
Burst pressure	15 bar
Sensor	Relative pressure, 1.4404 - G 1/4" male
Electrical connection	Male electrical plug EN 175301-803-A, Mat. PA
Rise time	Typ. 1 ms/ 10...90% nominal press
Switch-on-delay	Max. 1.5 s
Accessories	O-Ring: FKM Pressure peak damping element: Ø 0,3 mm Male electrical plug: EN175301-803-A / DIN43650-A
Ambient temperature	-25...85°C / -13...185°F
Media temperature	-25...125°C / -13...257°F
Protection	IP65
Humidity	Max. 95% relative
Vibration	4g (10...2000 Hz)
Shock	50g - 8 ms / 1.8oz - 8ms
EMC Protection	Emission: EN/IEC 61000-6-3 Immunity: EN/IEC 61000-6-2

MECHANICAL DATA

Sensor	Ceramic, Al2O3 (96%)
Pressure connection	1.4404 (AISI316L)
Sealing	FKM 70 Sh
Mounting torque	15...20 Nm
Weight	~110g / ~4oz

Please note technical specifications may change at any time!