

TECHNICAL DATASHEET

Input Data

- ⊕ Measuring ranges : 10 mbar to 600 bar
- ⊕ Overload pressures : 1.5 times FSR
- ⊕ Tightening torque : 20 Nm
- ⊕ Mechanical connection : Threaded port 1/2" BSPM (other options available)
- ⊕ Parts in contact with medium : Stainless steel (other options available.)
- ⊕ Supply voltage : 18 .. 32 V DC
- ⊕ Current consumption : approx. 200 mA
- ⊕ Residual ripple of supply voltage : $\leq 10\%$
- ⊕ Electrical connection : 19-pole, circular MIL connector
(Note : Reverse polarity protection of the supply voltage, excess voltage, override and short circuit protection are provided)

Output Data

- ⊕ Accuracy : $\leq \pm 0.25\%$ FS max.
- ⊕ Repeatability : $\leq \pm 0.1\%$ FS max.
- ⊕ Temperature drift : $\leq \pm 0.03\%$ FS / °C max. zero point & range
- ⊕ Analogue output : 4 .. 20 mA ohmic resistance ≤ 400 Ohms 0 .. 10 V ohmic resistance ≥ 2 kOhms

Switch Outputs

- ⊕ Type : 4 hermetically sealed SPDT relays with change-over contacts (independent potential free contacts)
- ⊕ Switching voltage and current : 5 A, 250 VAC / 5 A, 30 VDC
- ⊕ Switching capacity : max. 1250 W / 1250 VA (for inductive load, use varistors)
- ⊕ Switching cycles : 1 million at minimum load
- ⊕ 0.1 million at maximum load
- ⊕ Reaction time : < 20 ms

Other Data

- ⊕ Display : Full colour OLED display
- ⊕ Operating temperature range : -25 to $+60$ °C
- ⊕ Housing material : Stainless Steel case
- ⊕ Weight : ~ 800 g (noted for popular pressure gauge device type, varies with models)