

## Pressure Sensor ifm electronic PN3571



The PN3571 electronic pressure sensor from ifm has a 4-digit alphanumeric display, a programmable switching output and an analogue output (4-20 mA/0-10 V). The pressure sensor measures pressure ranges from 0-250 bar and convinces with a high overload protection. Thanks to the high protection rating IP65/IP67 the PN3571 pressure sensor is very robust. The robustness and the long life of the pressure sensor ensure reliable operation. The PN3571 electronic pressure sensor with process connection G 1/4 male and M12 connector is the optimum solution in hydraulic and pneumatic applications in the fields of manufacture of machine tools and automotive.

| Specifications              | Details                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------|
| Ambiant temperature         | -25 Â°C to 80 Â°C                                                                       |
| Electrical design           | PNP                                                                                     |
| Output function             | normally open / closed; (configurable)                                                  |
| System                      | gold-plated contacts                                                                    |
| Current consumption [mA]    |  <35 |
| Reverse polarity protection | yes                                                                                     |
| Switching frequency DC [Hz] | <170 Hz                                                                                 |
| Short-circuit protection    | yes                                                                                     |
| Overload protection         | yes                                                                                     |
| Operating voltage [V]       | 18-30 DC V                                                                              |