

### TURCK

Industrial Automation

# PRESSURE SENSORS PS300

The rugged, IP69K rated PS300 sensors provide a wide measuring range from -1 to +600 bar and are perfectly suited for hydraulic applications – even in harsh environments.



Measuring signals are directly processed on the PS300's newly developed high-build pressure measuring cell and digitally transferred to the fully encapsulated evaluation unit. This design offers a high level of EMC performance and an excellent switching point accuracy of 0.5 percent of the full scale.

The PS300 sensors are available in G1/4" female thread versions or in male/female 1/4"-NPT or R1/4" versions with digital or analog (voltage or current) outputs for all measuring ranges. Metal-supported sealing rings ensure a reliable process connection. The new pressure sensors support the IO-Link communications standard and the VDMA menu structure is available upon request.

- IP69K
- IO-Link compatible
- -1 ... +600 bar

Sense it! Connect it! Bus it! Solve it!

#### **Pressure sensors PS300**

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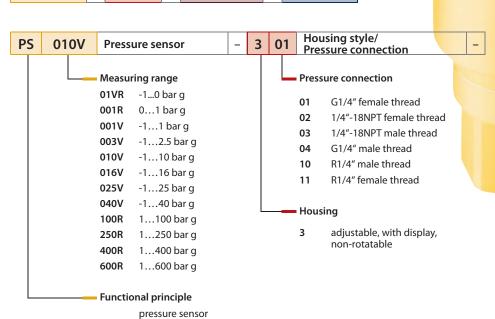
## Industrial Automation

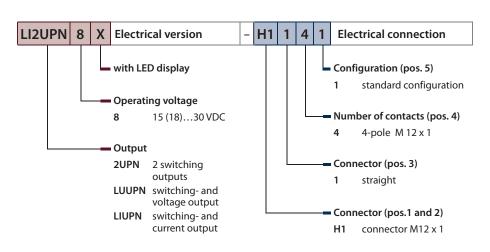
- Protection class IP68/IP69K
- High overpressure capability, high system availability
- Stainless steel housing, fully encapsulated, rotatable display
- IO-Link compatible
- Measuring range -1...600 bar rel.
- VDMA menu structure acc. to
  VDMA norm 24574-1 (optional)





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