

PP20H pressure sensors

For challenging hygienic applications.



PP20H Product overview

Product highlights	Applications	Process connections	Measuring range	Process conditions
Condensation-resistant measuring cell Compact installation from DN 25 Excellent price / performance ratio IO-Link for hygienic applications	Process pressure measurement Level control CIP method	G1/2 A hygienic G1 A hygienic Tri-clamp DN 25 to DN 51 Varivent® type F, N DIN 11851, DN 40, DN 50 DIN 11864-1-A, DN 40, DN 50	-1 ... 40 bar, smallest measuring range from 0.4 bar ± 0.5% FSR	Medium: -20 ... +125 °C Environment: -20 ... +85 °C
Housing	Conformity / Approvals	Electrical connections and output signals	Interfaces	Measurable media
Stainless steel AISI 316L, 1.4404 IP 67 IP 69K	cULus 3-A, EHEDG EU 1935/2004, 10/2011, 2023/2006	4 ... 20 mA IO-Link	IO-Link 1.1	Liquids Gases

High-performance. Versatile. Competitive.

The PP20H is a fully welded pressure sensor with a condensation-resistant silicon measuring cell. Its modular design, total pressure range from -1 to 40 bar and wide range of process connections make it highly versatile. It is available with either a 4 ... 20 mA signal or IO-Link. It meets the high hygienic requirements of the food and pharmaceutical industries and is CIP and SIP-capable.

Your benefits

■ Process safety

Excellent temperature stability and long-term stability and its high accuracy guarantee the safe monitoring, operation and control of demanding hygienic processes in a humid environment, even with frequent temperature cycles.

■ Less space required, greater flexibility

The PP20H covers a wide media temperature range from -20 °C to 125 °C without a special cooling line. This makes the sensor more



compact and means that less space is required in the system. A variety of applications can be fulfilled with just one configuration.

■ IO-Link for centralized configuration

The IO-Link interface makes it possible to configure several sensors simultaneously. This simplifies switching point adjustment for different process stages and saves time.

The PP20H is FDA-compliant, meets the most important industrial requirements and complies with EU Regulations 1935/2004, 10/2011 and 2023/2006.



Baumer Group
 International Sales
 P.O. Box · Hummelstrasse 17 · CH-8501 Frauenfeld
 Phone +41 (0)52 728 1122 · Fax +41 (0)52 728 1144
 sales@baumer.com · www.baumer.com

To learn more about the PP20H, visit:
www.baumer.com/PP20H

Find your local partner: www.baumer.com/worldwide