

## ANDERSON NEGELE PRESSURE SENSOR DAN-HH

DAN-HH

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- Pressure measurement in pipes and containers
- High temperatures up to 150 ° C
- Front-flush, hygienic and easily sterilizable installation with EMZ-352 or EHG -... / 1 "connection
- Complies with 3-A Sanitary Standard 74-06, Third Party Verified (Only with Tri-Clamp Mount)
- EHEDG-certified hygienic CLEANadapt process connection



### PRODUCT DESCRIPTION

We market high quality printing and design from our supplier Anderson-Negele, which meets the highest standards of process engineering, and is the perfect solution for applications for food, pharmaceuticals, breweries, cosmetics and pharmaceutical processes.

The products of Anderson-Negele are manufactured according to the concept "Hygienic by Design", which is reflected in the special process adapters: CLEANadapt and PHARMadapt as well as the unique design of the instruments.

Pressure sensor, type DAN-HH -...

This unit uses a built-in piezoelectric converter to convert the process value into a corresponding mV signal. The mV signal then passes through a customer-specific linearization and signal processing. The resulting signal corresponds to industry standard 4 ... 20 mA. This mA signal is factory-set for this unit's measurement range. For relative pressure sensors, the back of the membrane is ventilated; that is, this sensor measures the mean pressure and / or vacuum relative to air pressure.

For an absolute pressure sensor, the measured value is relative to a perfect theoretical vacuum. This means that the signal changes with the air pressure for the respective environment.

Other features:

- CIP / SIP cleaning up to 150 ° C
- Product-related materials are FDA-compatible
- Stainless steel sensor and product-related materials
- Additional process connections in combination with CLEANadapt: Flange (DIN 11851), VARIVENT, m.f.

Please contact us for more information and price.

Please refer to the image below for ordering information.

Order code	
DAN-HH	Compact pressure sensor
	<b>Process Connection</b>
	TC1,5 (Tri-Clamp 1,5"; incl. 3-A TPV verification)
	TC2 (Tri-Clamp 2"; incl. 3-A TPV verification)
	S (CLEANadapt G1"; without 3-A TPV verification)
	<b>Measurement range absolute</b>
	2ABS (absolute pressure cell 0...2 bar)
	3ABS (absolute pressure cell 0...3 bar)
	7ABS (absolute pressure cell 0...7 bar)
	14ABS (absolute pressure cell 0...14 bar)
	20ABS (absolute pressure cell 0...20 bar)
	[end value] ABS other absolute pressure range, specify required range in "bar" with "ABS"
	<b>Measurement range relative</b>
	1REL (relative pressure cell 0...1 bar)
	2REL (relative pressure cell 0...2 bar)
	3REL (relative pressure cell 0...3 bar)
	7REL (relative pressure cell 0...7 bar)
	14REL (relative pressure cell 0...14 bar)
	20REL (relative pressure cell 0...20 bar)
	34REL (relative pressure cell 0...34 bar)
	-1...1REL (relative pressure cell -1...1 bar)
	-1...2,5REL (relative pressure cell -1...2,5 bar)
	-1...6REL (relative pressure cell -1...6 bar)
	-1...13REL (relative pressure cell -1...13 bar)
	[end value] REL other relative pressure range, specify required range in "bar" with "REL"
	<b>Electrical connection</b>
	M12 (M12-Stecker 1.4305)
DAN-HH /	S / 14ABS / M12

## TECHNICAL DATA

Approvals	3-A, FDA
Area of application	Food
IP class	IP69K
Material of sensor housing	Stainless steel AISI 304
Material of wetted parts	Stainless steel 316L
Measurement range	0 ... 34 bar rel., -1 ... 13 bar rel. / 0 ... 20 bar abs.
Supply voltage dc max	36 V DC
Supply voltage dc min	12 V DC
Surface finish	0.6 µm Ra
Temperature ambient from	-20 °C
Temperature ambient to	50 °C
Temperature of media from	0 °C
Temperature of media to	150 °C