HOF Series :

The HOF range of pressure transmitters guarantee a wide application field in a high accuracy, robust and compact design. The stainless steel membrane is completely vacuum-sealed, extremely burst resistant and applicable for all standard media across Hydraulics, Pneumatics, Environmental Engineering, Process Technology, Semiconductor Technology and Automotive Engineering.

As part of the stringent manufacturing process, all HOF pressure transducers are individually pressure and temperature tested to conform to DIN EN ISO 9001:2008.

With compensation and adjustment performed electronically, these pressure transmitters are characterized by a very low total error and excellent long-term stability. With the precision of modern electronics, the measured data is captured and processed very accurately.

HOF H 0004 F L C K

Model Name

HOT Series (Normal Pressure Transmitters)
HOX Series (Explosion Proof Pressure Transmitters)
HOF Series (Flush Diaphragm Pressure Transmitters)
HOM Series (Milli Bar Pressure Transmitters)
HOD Series (High Pressure , Pressure Transmitters)

Output

H : 2 Wire 4 ~ 20 MA
HC : 2 Wire 4 ~ 20 MA Compound
J : 3 Wire 0 ~ 10 V
JC : 3 Wire 0 ~ 10 V Compound
F : 3 Wire 0 ~ 5 V

Pressure Range

HOT Series : 0 ~ 600 Mbar , -1 ~ 1000 Bar
HOX Series : 0 ~ 2000 Bar
HOF Series : 0 ~ 200 Bar
HOM Series : 0 ~ 500 Mbar
HOD Series : 0 ~ 4000 Bar

Pressure Unit

F : BAR
R : KPA
P : PSI

Pressure Port

L : NPT 1/4"
W: G 1/2" (Flush Diaphragm)
G: G 1/4" (Normal Type)
M: M18x1.5" (High Pressure)

Conncetor

C : DIN EN 803 - 175301 Connector

Type of Pressure Measuremaent

K : Gauge

Performance :

Pressure ranges	bar	0.25, 0.4, 0.6, 1.0, 1.6, 2.5, 4, 6, 10, 16, 25, 40, 60, 100, 160,
Over pressure	bar	200
Burst pressure	bar	Max. 1.5 times / 1.2 times - depending on pressure range
Kind of pressure		2 times / 1.5 times - depending on pressure range
Wetted parts :		gauge pressure, absolute pressure on request
Weight	g	Stainless steel
Supply voltage		under construction
Output signals		12..30 V at 4..20 mA / 14…30 V at 0…10V
		4…20 mA - 2 wire, 0…5 V - 3 wire, 0…10V - 3 wire, Digital optional,
Adjustability of zero		Others on request
		Straightforward zero correction by using a magnet or via interface
Adjustability of span		and PC programming kit
Adjustability time constant		1:4 with pressure ranges (FS) via interface and software
Accuracy	% FS	via interface and software
		0.3 Optional 0.25
		(Including non-linearity, zero point and full scale error, hysteresis,
		non-linearity and repeatability).Compensation
Non-linearity	% FS	measurement and adjustment for vertical mounting position
Repeatability	% FS	2 BFSL
Long-term stability	% FS	0,1
	ºC	0,1 1-year stability at reference conditions
Permissable temperatures	ºC	-20...+ 100 (-20 ... +150) with cooling element
	ºC	-20....+ 80
Compensated temp. range	ºC	-20....+ 100
Temperature coefficient	% FS	-20…+ 80
	% FS	0,15 / 10K
CE-conformity		0,15 / 10K
		97/23/EG
	g	89/336/EEC emission (class B) immunity according to EN61326
	g	1000 to IEC 60068-2-27 mechanical
	VDC	20 to IEC 60068-2-6 resonance
Wiring protection		32
		Out+ / UB- (for 1s)
		UB+/ UB-

- **Flush mount stainless steel design**
- **Up to 200 Bar pressure range**
- **High precision - <%0.25 F.S**
- **Programmable for zero point (offset), characteristics and output options**
- **Wide choice of output signals**