
Product specifications for model 2021

Product Specifications (gauge, switch)

sensor type	fixed-orifice
functions	gauge, gauge/switch, switch
min. range	0-2 GPH water, 0-10 GPH oil, 0-5 SCFM compressed air (at 100 PSIG, 70°F)
max. range	0-40 GPH water & oil, 0-8 SCFM compressed air (at 100 PSIG, 70°F)
max. line pressure	3000 psig
min. burst pressure	12000 psig
standard maximum temperature	gauge: 200°F standard, 150°F (plastic lens) gauge/switch: 176°F standard, 150°F (plastic lens) switch: 176°F
high temperature construction	gauge: 325°F (SS) gauge/switch, switch N/A
minimum temperature**	**Consult factory for low-temperature applications.
calibration accuracy***	±2% of full scale ascending after rap at room temperature (for standard water & standard hydraulic oil) ±5% (for std. compressed air calibration) ***Calibration accuracy is affected by temperature, and also by liquid-filling and follower-pointer options.
repeatability	±1% of full scale
switches	1 or 2 external hermetically sealed reed switches
switch adjustability	upper 50% of full scale ascending (40% for B & C form switches in SST)
switch dead band	5-20% full scale
certification	*Consult factory for CE equivalent.

Standard configuration options (gauge, switch)

configuration	unless otherwise specified	standard options available
porting size	1/4" NPT	N/A
porting orientation	in-line	N/A
direction of flow	left to right	right to left (with arc on bottom), vertical flow up, vertical flow down
calibration medium	(must be specified) (Oil not available for EPDM units)	water (S.G.=1, Vis.=1 CS) hydraulic oil (S.G.=.86, Vis.=78 CS) compressed air (100 PSIG, 70°F)
switches	(must be specified)	-A SPST N/O (120VAC,0.7A,70VA;200VDC,1.0A,50W) -B SPST N/C (120VAC,0.25A,5VA;175VDC,0.25A,5W) -C SPDT (120VAC,0.25A,5VA;175VDC,0.25A,5W)
switch setting	set at top of range ascending	other set points within adjustability ascending or descending
primary wetted parts	316SS	N/A
secondary wetted parts	range spring: 302SS magnet: Teflon-coated ceramic orifice piston: Delrin	Teflon-coated spring Teflon orifice piston
static seals material	buna-N, except Viton for high temp.	Viton, Teflon, neoprene, EPDM, fluorosilicone
diaphragm material	buna-N, except Viton for high temp.	Viton, EPDM, fluorosilicone
lens	glass	plastic
dial sizes	(must be specified)	2.5", 3.5", 4.5", 6"
dial case styles⁺	(must be specified)	"B" Basic Case (c-clamp not available) "F" Flanged Case (w/holes for panel mounting)
starting mark on dial	approximately 30% of full scale	N/A