

Product specifications for model 2021

Product Specifications (gauge, switch)

sensor type	fixed-orifice
functions	gauge, gauge/switch, switch
min. range	0-4 GPH water, 1.5-5 SCFM compressed air (at 100 PSIG, 70°F)
max. range	0-40 GPH water, 2.5-8 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) ±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)	water (S.G.=1, Vis.=1 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"
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