

CRP600

Diaphragm low pressure gauge 0-25 to 0-1250 mm water column



General

In this model, the movement of the convoluted diaphragm, and hence corresponding magnet, is converted into appropriate calibrated rotary movement of the pointer through a magnetic connection. This type of diaphragm model is used in applications where no migration of the media from high pressure side (HP) to low pressure side (LP) is permitted.

Features

- Accuracy: $\pm 3\%$ of the FSD (Ascending)
- Migration: Zero Migration from high to low port
- Range: 0-25 to 0-1250 mm H₂O / 0-1 to 0-50 inch H₂O
- First marking on scale: 15% of the FSD
- Sensing element: Diaphragm
- Wetted Parts: Diaphragm, body material, SS 302 spring & ceramic magnet
- Case Material: Stainless steel (SS 304)
- Dial size: Inch: 4.56 / mm: 112
- Mounting: Standard: Flush
- Optional: 2" pipe & surface mounting

- Maximum working pressure: 2.4 bar / 35 psi
- Maximum process temperature: 60°C / 130°F
- Body material: Engineering polymer
- Seals: Buna-N, Viton & EPDM
- Window Standard: Float glass Optional: Toughened glass & acrylic glass
- Connection: 1/8" NPT(F)
- Porting: In-line & back
- Over range protection: up to the max. working pressure from high side only.
- Protection for gauge & switch: IP 65 / NEMA-4

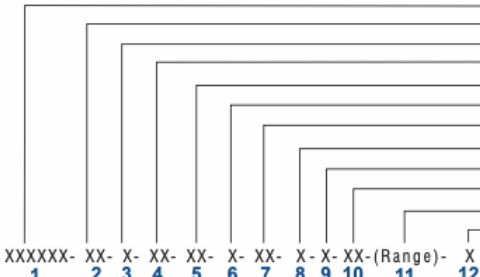
Options

- Liquid filling (glycerine/Silicone)
- Dual scale
- Color band
- Filter mesh in (+) connection
- Descending calibration

Switches (Adjustable in 20-80% FSD)

- 1 02 2 SPSTs with a DIN plug
- 1 SPDT with a DIN plug

Switch can be added anytime on the field

1 Series	CRP600																																																																										
2 Type	G	Gauge																																																																									
	GS	Gauge + Switch																																																																									
	S	Switch																																																																									
3 Body material	P	Engineering Polymer																																																																									
4 Dial size	4.4	4,4” (112 mm) (Std.)																																																																									
5 Connection	8N	1/8” NPT (F)																																																																									
6 Porting	1	In-line																																																																									
	2	Back																																																																									
7 Case	S4	SS304 (Std.)																																																																									
8 Windows	F	Glass (Std.)																																																																									
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10 Switch	<table><tr><td>0</td><td>None</td><td>1 Std.</td><td>2</td><td>3</td><td>4</td></tr><tr><td>1</td><td>One SPST, with a DIN plug</td><td>10 VA</td><td>40 VA</td><td>100 VA</td><td>60 VA</td></tr><tr><td></td><td></td><td>100 V</td><td>230 V</td><td>300 V</td><td>240 V</td></tr><tr><td>2</td><td>Two SPSTs, with a DIN plug</td><td>0,5 A</td><td>1 A</td><td>1 A</td><td>3 A</td></tr><tr><td></td><td></td><td>Adjustable</td><td>Adjustable</td><td>Adjustable</td><td>Adjustable</td></tr></table>															0	None	1 Std.	2	3	4	1	One SPST, with a DIN plug	10 VA	40 VA	100 VA	60 VA			100 V	230 V	300 V	240 V	2	Two SPSTs, with a DIN plug	0,5 A	1 A	1 A	3 A			Adjustable	Adjustable	Adjustable	Adjustable																														
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