

- **Piston actuator**
- **Stainless steel case**
- **Ranges from 5 psid-150 psid**
- **Static pressures up to 6000 psi⁽⁵⁾**
- **Aluminum⁽⁴⁾, brass or stainless steel bodies⁽¹⁾**
- **Buna-N O-rings (others available)**
- **Superior magnets for smoother pointer motion**
- **Standard or explosion-proof reed switches available**
- **5-year warranty**

The Type 1130 uses a piston design where small migration of the process media is permissible.⁽²⁾ It is recommended for high differential and high static pressures, up to 6000 psi. Body materials are available in Aluminum, Brass and Stainless Steel, with Buna, Viton or EPDM seals.⁽³⁾

- (1), (2) Not for use with incompatible media.
- (3) Other wetted parts include stainless steel, Teflon and ceramic.
- (4) Not to be used with water or corrosive applications.
- (5) Static pressure over 3000 psi in SS only.



SPECIFICATIONS	Type 1130
Accuracy (Ascending)	±2%
Migration	Minor
Range Limits	0-5 psid to 150 psid
Maximum Static Pressure	3000 psi (6000 psi for SS)
Actuator	Piston
Case Material	Stainless Steel
Dial Size	2" (20), 2½" (25), 3½" (35), 4" (40), 4½" (45), 6" (60)
Maximum Process Temperature	175°F / 80°C
Body Materials	Aluminum (F), Brass (A), Stainless Steel (S)
O-Rings	Buna-N
Connection Size (Female)	¼ NPT (RQ), ¼ NPT (25)
Connection Location	In-Line (S), Lower (L), Back (B)
Window	Glass
Warranty	Five Years

OPTIONS	
Switches ⁽¹⁾	Available
Front Flange (XFF)	Available
Viton O-Rings (XVD)	Available
EPDM O-Rings (XEM)	Available
Glycerin Fill (L)	Standard Fill Option
Silicone Fill (XGV)	Available
Plastic Window (XPD)	Available
Explosion Proof (XEK)	Available ⁽²⁾

- (1) Applicable to Switches
 (XV1) 1 SPST with DIN Plug (XV5) 1 SPDT with DIN Plug
 (XV2) 1 SPST with Terminal Strip (XV6) 1 SPDT with Terminal Strip
 (XV3) 2 SPST with DIN Plug (XV7) 2 SPDT with DIN Plug
 (XV4) 2 SPST with Terminal Strip (XV8) 2 SPDT with Terminal Strip

(2) Specify lower or back connection for gauge (not available in-line) and switch type XV1-XV8

RATINGS FOR BOTH STANDARD & EXPLOSION PROOF SWITCHES:

SPST SWITCH

Specifications:
 Contact Rating
 10 VA ac (rms) or dc (max)
 Switching Current
 0.5 Amp ac (rms) or dc (max)
 Switch Voltage
 150 Vac/Vdc (max)

SPDT SWITCH

Specifications:
 Contact Rating
 5 VA ac (rms) or dc (max)
 Switching Current
 0.25 Amp ac (rms) or dc (max)
 Switch Voltage
 175 Vac/Vdc (max)

EXPLOSION-PROOF SWITCH INFORMATION:

Switches and electrical connections are mounted in an explosion-proof enclosure with UL, CSA, Cenelec and FM approval. The enclosure meets Class 1, Groups B, C, D, Class 2 Groups E, F, G, Class 3, NEMA 7 & 9 and IP 66. Two ¾" electrical conduit connections.

STANDARD RANGES – Type 1130

psi		0-5	0-8	0-10	0-15	0-20	0-25	0-30	
kPa	0-25		0-50	0-75	0-100		0-160	0-200	0-250
kg/cm ² -bar	0-0.25		0-0.5	0-0.75	0-1		0-1.6	0-2	0-2.5
psi	0-40	0-50	0-60		0-80		0-100		150
kPa	0-300		0-400	0-500		0-600	0-700	0-900	0-1000
kg/cm ² -bar	0-3		0-4	0-5		0-6	0-7	0-9	0-10

TO ORDER THIS 1130 DIFFERENTIAL PRESSURE GAUGES:

