

Electrical Service Indicators

All electric models have a maximum operating temperature of 250°F/ 114°C.

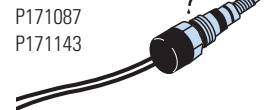
Part No.	Use with Bypass Valve Pressure of:	Description	Where Used	Illustration
P162400	25 psi/ 172 kPa	DC/single post. Normally open.	HBK04, HBK05, HMK04/24, HMK05/25	Style A
P163601	15 psi/ 103 kPa	DC/single post. Normally open.	HBK04, HBK05, HMK04/24, HMK05/25	Style A
P163642	5 psi/ 34 kPa	DC/single post. Normally open.	HBK04, HBK05, HMK04/24, HMK05/25	Style A
P163839	25 psi/ 172 kPa	DC/single post. Normally closed.	HBK04, HBK05, HMK04/24, HMK05/25	Style A
P165194	50 psi/ 345 kPa	DC/single post. Normally open.	HMK03, HMK04/24, HMK05/25	Style A
P166298	50 psi/ 345 kPa	AC/DC 3-wire. Red: normally open; blue: normally closed; white: common.	HPK02, HPK03, HPK04, HPK05	pg 79
P167455	50 psi/ 345 kPa	DC/single post. Normally closed.	HMK04/24, HMK05/25	Style A
P170926	50 psi/ 345 kPa	DC 2-wire. Normally closed. Gold contacts. Microprocessor compatible.	HMK04/24, HMK05/25	Style E
P171087	50 psi/ 345 kPa	DC 2-wire. Packard Weatherpack connector. Normally open.	HMK03, HMK04/24, HMK05/25	Style B
P171143	25 psi/ 172 kPa	DC 2-wire. Cannon connector. Normally open.	HBK04, HBK05, HMK03, HMK04/24, HMK05/25	Style B
P171966	22 psi/ 150 kPa	AC/DC. 0.5A resistive, 0.2A inductive	FIK	at right
P173893	50 psi/ 345 kPa	DC 3-wire. Gold alloy contacts. Microprocessor compatible. White: normally open; red: normally closed; black: common.	HMK04/24, HMK05/25	Style F
P173944	25 psi/ 172 kPa	AC/DC 3-wire. Silver alloy contacts. White: normally open; red: normally closed; black: common.	HBK04, HBK05, HMK03, HMK04/24, HMK05/25	Style C
P174396	50 psi/ 345 kPa	AC/DC 3-wire. Silver alloy contacts. White: normally open; red: normally closed; black: common.	HMK03, HMK04/24, HMK05/25	Style C
P761056	87 psi/ 592 kPa	AC/DC Normally open or closed. 250 VAC or 30 VDC max. 0.5A resistive, 0.2A inductive.	FPK02	pg 83

Style A



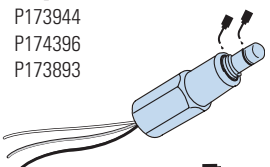
P162400
P163601
P163642
P163839
P165194
P167455

Style B



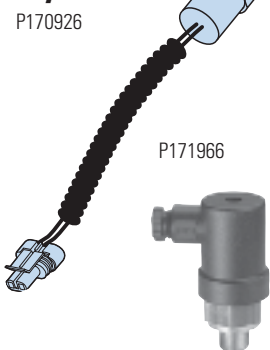
P171087
P171143

Styles C & F



P173944
P174396
P173893

Style E



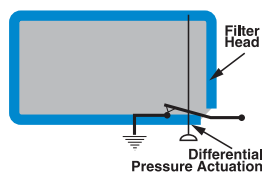
P170926

P171966

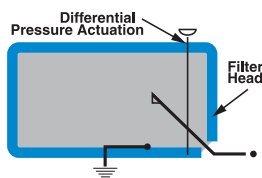
Electrical Schematics

Style A: Single Post DC Indicator (Maximum: 200 mA DC @ 30 VDC)

P167455
P163839

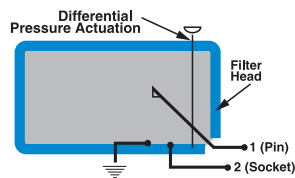


P162400
P163601
P163642
P165194

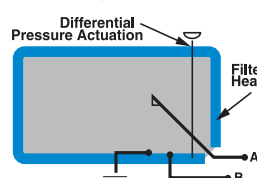


Style B: DC 2-Wire Indicator (Maximum: 200 mA DC @ 30 VDC)

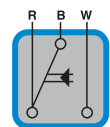
P171143



P171087

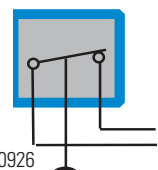


Style C, F: AC/DC 3-Wire Indicator (Maximums: 2 amps @ 24 VDC or 2 amps @ 110 VAC)



P173944

Style E: DC 2-Wire Indicator (Maximum: 100 mA DC @ 30 VDC)

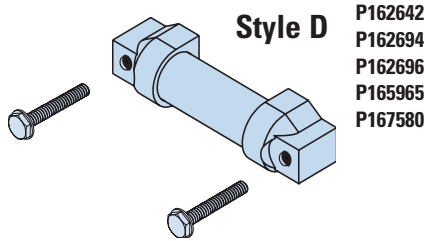


P170926

Visual Indicators & Pressure Gauges

Visual Indicators (non-Electric)

All non-electric models have a maximum operating temperature of 180°F/ 82°C.

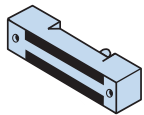


Style D

- P162642
- P162694
- P162696
- P165965
- P167580

NOTE on Style D Indicators:

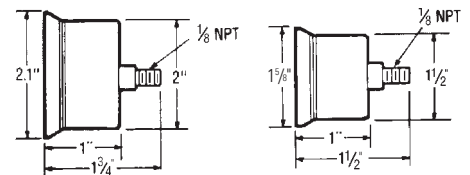
Our old square-style visual indicator has been improved in a design revision. If you have this style and order a replacement, you will receive the new rounded Style D shown above. **Exception:** P162694 is still made per the old style.



Part No.	Use with Bypass Valve Pressure of:	Where Used	Illustration
P162642	15 psi / 103 kPa	HBK04, HBK05, HMK04/24, HMK05/25	Style D
P162694	5 psi / 34 kPa	HBK04, HBK05	Style D (old style)
P162696	25 psi / 172 kPa	HBK04, HBK05, HMK04/24, HMK05/25	Style D
P164315	50 psi / 345 kPa	HPK02, HPK03, HPK04, HPK05	page 79
P165965	50 psi / 345 kPa	HMK03	Style D
P166603	50 psi / 345 kPa (reverse flow)	HPK04	page 91
P167580	50 psi / 345 kPa	HMK04/24, HMK05/25	Style D
P171958	17 psi / 116 kPa	FIK	at left
P171945	72 psi / 493 kPa	FPK02	page 83

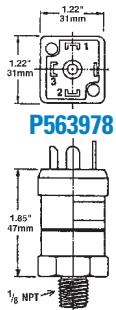


Part No.	Pressure Range	Function
P563296	0 to 100 PSI Numeric Scale	Return
P563297	0 to 100 PSI Color Coded (15 PSI)	Return
P563298	0 to 100 PSI Color Coded (25 PSI)	Return
P563299	0 to -20 Hg	Suction
P563300	0 to 30 PSI Color Coded (15 PSI)	Return

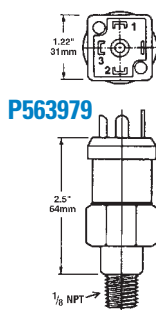


Pressure Gauges

#1 Common; #2 Normally Closed; #3 Normally Open



P563978



P563979



Instructions

1. Remove DIN adaptor
2. Remove small brass screw
3. Using 1/8" allen wrench adjust clockwise to increase set point/counter-clockwise to decrease set point
4. NO / NC

Adjustment screw located in center of elec. prongs

Part No.	Pressure Range	Function
P563978	5 to 30 PSI Field Adj.	Return
P563979	-5 to 15 in. Hg Field Adj.	Suction



P171956
for FIK series

-1 to +5 bar
14.5 to 72.5 psi
-100 to +500 kPa



P171953