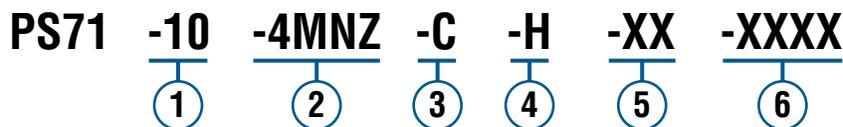


How To Order

Use the **Bold** characters from the chart below to construct a product code. Please reference Notes.



① Pressure Range Code

Insert Pressure Range Code from Table 1, below.

② Pressure Fitting¹

12L14 Zinc-Plated Steel

- 2MNZ**=1/8" NPTM
- 4MNZ**=1/4" NPTM
- 8MNZ**=1/2" NPTM
- 2MGZ**=1/8" BSPM (G type)
- 4MGZ**=1/4" BSPM (G type)
- 4MSZ**=7/16"-20 SAE Male
- 6MSZ**=9/16"-18 SAE Male
- M10Z**=M10 x 1.0, Straight
- M12Z**=M12 x 1.5, Straight
- M14Z**=M14 x 1.5, Straight

316 Stainless Steel

- 2MNS**=1/8" NPTM
- 4MNS**=1/4" NPTM
- 2MGS**=1/8" BSPM (G type)
- 4MGS**=1/4" BSPM (G type)

③ Circuit

- A**=SPST/N.O.
- B**=SPST/N.C.
- C**=SPDT

④ Electrical Termination

- SP**=Spade Terminals²
- FLXX**=Flying Leads³
- FLSXX**=Flying Leads w/PVC Shrink Tubing³
- ELXX**=1/2" NPT Male Conduit w/Flying Leads⁴
- CABXX**=18 AWG PVC Cable⁵
 - H**=DIN 43650A Male Half Only⁶
 - HR**=Right Angle DIN 43650A Male Half Only⁶
 - HC**=DIN 43650A 9mm Cable Clamp⁶
 - HCR**=Right Angle DIN 43650A 9mm Cable Clamp⁶
 - HN**=DIN 43650A with 1/2" Female NPT Conduit⁶
 - HNR**=Right Angle DIN 43650A with 1/2" Female NPT Conduit⁶

⑤ Options⁷

- V**=Viton[®] Diaphragm
- E**=EPDM Diaphragm
- N**=Neoprene Diaphragm
- 10A**=10A @ 125/250 VAC Max. Rating
- G**=Gold Contacts
(for loads less than 12 mA @ 12 VDC)
- RD**=Reduced Differential
(25% reduction typical)
- IP**=Ingress Protection⁸
- OF**=Oil Free Cleaned⁹
- R**=Restrictor (low damping coefficient) Brass
- SR**=Spiral Restrictor (high damping coefficient)
300 Series Stainless Steel¹⁰
- WF**=Weather Pack Connector, Female
- WM**=Weather Pack Connector, Male
- DE**=Deutsch Connector, Male, DT04 Series

⑥ Fixed Set Point (optional)

- A. Specify set point **-FS**
(in PSI or BAR, see example)¹¹
- B. Set Point Actuation
R on Rising Pressure
F on Falling Pressure
Example: **-FS2BARF** for 2 BAR Falling
or **-FS20PSIR** for 20 PSI Rising

Notes:

1. Other fittings available. Consult factory.
2. 20% increase in deadband typical.
3. 1/8" is standard. Specify lead length in inches (max. 48"). e.g. **-FL18** or **-FLS30**.
4. 1/8" is standard. Specify lead length in inches (max. 48"). e.g. **-EL18** or **-EL30**.
5. 36" is minimum. Specify cable length in inches. e.g. **-CAB36** or **-CAB120**.
6. DIN connectors require **-C** SPDT circuit.
7. Options **-10A**, **-G** or **-RD** cannot be combined.
8. Ingress Protection is available only with **-FL**, **-FLS** or **-CAB** Electrical Termination choices. Ingress Protection requires Fixed Set Point **-FS**.
9. Requires stainless steel housing.
10. **-SR** will result in wider deadbands and slower response time.
11. Set Point must be within Pressure Range selected in Step 1.

Table 1 — Pressure Range Codes

Pressure Range Code	Pressure Range	Accuracy*	Average Deadband**
10	10-30 psi (0.7-2.1 bar)	±1.5 psi (0.103 bar) +2% of setting	3.5 psi (0.28 bar) +11% of setting
20	25-75 psi (1.7-5.2 bar)	±2.5 psi (0.172 bar) +2% of setting	3.5 psi (0.28 bar) +11% of setting
30	65-300 psi (4.5-20.7 bar)	±5.0 psi (0.345 bar) +2% of setting	20 psig (1.38 bar) +11% of setting
40	250-1000 psi (17.2-69.0 bar)	±15 psi (1.03 bar) +2% of setting	45 psig (3.10 bar) +12% of setting
50	1000-3000 psi (69-206.8 bar)	±30 psi (2.06 bar) +3% of setting	70 psig (4.83 bar) +12% of setting
60	2500-5000 psi (172.4-344.7 bar)	±50 psi (3.45 bar) +4% of setting	140 psi (9.65 bar) +13% of setting

* Accuracy and set point of units may change due to the effects of temperature.

** These numbers are for the standard microswitch. With either the **-SP** or **-10A** option, the values are typically 20% greater than those listed. With the **-RD** option, the values will be typically 25% less than those listed. In certain applications deadband can be tailored and controlled to customer specifications. Consult factory for details.