

Robust OEM Transmitter

- Ceramic sensing element
- Small form factor
- 0.5% or 1.0% accuracy
- Wide selection of pressure and electrical ports
- Can be customized to meet OEM specific design requirements



About

The P422 Pressure Transmitter is a robust OEM pressure sensor designed for reliable measurement in demanding industrial environments. With a compact form factor, high accuracy options, and multiple electrical and process connection configurations, the P422 provides flexible integration across a wide range of systems including hydraulics, water treatment, pneumatics, refrigeration, chemicals, and gas applications. Built with durable stainless-steel wetted parts and high environmental protection ratings, it delivers stable and dependable pressure monitoring for OEM equipment and industrial processes.

Applications

- ✓ Hydraulics
- ✓ Water treatment
- ✓ R/O
- ✓ Pneumatics
- ✓ Chemicals
- ✓ Gases
- ✓ Refrigerants
- ✓ Oxygen

Build Your Part Number

Series P422

Example: P422GH275G6HF5

Series

P422

Pressure Reference - select one

G Gauge

Output Signal - select one

A 4 ... 20 mA
B 0 ... 5 VDC
C 0 ... 10 VDC
D 0.5 ... 4.5 VDC ratiometric
H 0.5 ... 4.5 VDC

Supply

24 (8 ... 36) VDC
24 (8 ... 36) VDC
24 (12 ... 36) VDC
5 (4.75 ... 5.25) VDC
24 (8 ... 36) VDC

Pressure Range (psi) - select one

25 0 ... 50
26 0 ... 100
27 0 ... 150
28 0 ... 200
29 0 ... 250
31 0 ... 300
32 0 ... 400
33 0 ... 500

Over Pressure (psi)

75
150
225
300
375
450
1600
750

Burst Pressure (psi)

100
200
300
400
500
600
800
1,000
XX Use "XX" for custom ranges (Ex: 0 ... 550 psi); Please inform range below part number; Max range = 870 psig

Process Connection - select one; see diagrams page 4

5A 1/8" NPT male
5C 1/4" NPT male
5E 1/2" NPT male
5G 7/16"-20UNF male, SAE 4
5H 7/16"-20UNF female, SAE J512 with valve opener
5L 9/16"-18UNF male, SAE6
5M G1/8" male
5N G1/4" male
5P G1/4" female
5Q G1/2" male

Electrical Connection - select one

6A DIN 43650-C micro-mini (9.4mm)
6B DIN 43650-A
6C Male electrical connector M12x1
6F Deutsch 3-pole, DT04-3P
6G Deutsch 4-pole, DT04-4P
6H Packard Metri-Pack
6K 0.5 Meter PVC shielded cable with flying leads
6L 1 Meter PVC shielded cable with flying leads
6M 2 Meter PVC shielded cable with flying leads
6N 3 Meter PVC shielded cable with flying leads

Build Your Part Number

Series P422

Example: P422GH275G6HF5

Internally Wetted O-Ring - select one

N	NBR
F	FKM

Accuracy - select one

5	0.5% (standard)
1	1.0%

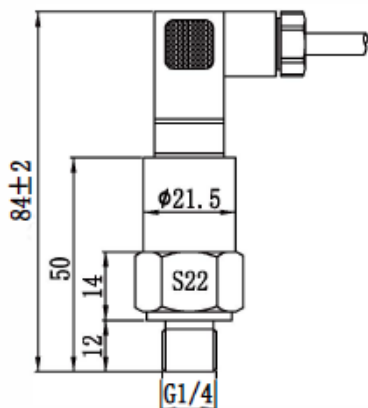
Mating Electrical Connection Assembly – optional; will be quoted as a separate line item

Part#	
PSE14	DIN 43650-A female with cable gland, field wireable
PSE19	DIN 43650-A female 1/2" NPT threaded port, field wireable
PSE73	DIN 43650-A female with 1 meter PVC unshielded cable
PSE74	DIN 43650-A female with 3 meter PVC unshielded cable
PSE75	DIN 43650-A female with 5 meter PVC unshielded cable
PSE76	DIN 43650-A female with 7.5 meter PVC unshielded cable
PSE77	DIN 43650-A female with 10 meter PVC unshielded cable
PSE78	DIN 43650-A female with 20 meter PVC unshielded cable
PSE96	DIN 43650-C (9.4mm) female with cable gland, field wireable
PSE97	DIN 43650-C (9.4mm) female with 1 meter PVC unshielded cable
PSE98	DIN 43650-C (9.4mm) female with 3 meter PVC unshielded cable
PSE99	DIN 43650-C (9.4mm) female with 5 meter PVC unshielded cable
PSE100	DIN 43650-C (9.4mm) female with 7.5 meter PVC unshielded cable
PSE101	DIN 43650-C (9.4mm) female with 10 meter PVC unshielded cable
PSE102	DIN 43650-C (9.4mm) female with 20 meter PVC unshielded cable
PSE1	M12x1, 5-pole female straight with cable gland, field wireable
PSE150	M12x1, 5-pole female straight with 1 meter PVC shielded cable
PSE151	M12x1, 5-pole female straight with 3 meter PVC shielded cable
PSE152	M12x1, 5-pole female straight with 5 meter PVC shielded cable
PSE153	M12x1, 5-pole female straight with 7.5 meter PVC shielded cable
PSE154	M12x1, 5-pole female straight with 10 meter PVC shielded cable
PSE155	M12x1, 5-pole female straight with 20 meter PVC shielded cable
PSE30	M12x1, 5-pole female 90° with 1 meter PVC shielded cable
PSE31	M12x1, 5-pole female 90° with 3 meter PVC shielded cable
PSE32	M12x1, 5-pole female 90° with 5 meter PVC shielded cable
PSE33	M12x1, 5-pole female 90° with 7.5 meter PVC shielded cable
PSE34	M12x1, 5-pole female 90° with 10 meter PVC shielded cable
PSE35	M12x1, 5-pole female 90° with 20 meter PVC shielded cable
PSE127	Deutsch DT06-3P female with 1 meter PVC unshielded cable
PSE128	Deutsch DT06-3P female with 3 meter PVC unshielded cable
PSE129	Deutsch DT06-3P female with 5 meter PVC unshielded cable
PSE130	Deutsch DT06-3P female with 7.5 meter PVC unshielded cable
PSE131	Deutsch DT06-3P female with 10 meter PVC unshielded cable
PSE132	Deutsch DT06-3P female with 20 meter PVC unshielded cable
PSE133	Deutsch DT06-4P female with 1 meter PVC unshielded cable
PSE134	Deutsch DT06-4P female with 3 meter PVC unshielded cable
PSE135	Deutsch DT06-4P female with 5 meter PVC unshielded cable
PSE136	Deutsch DT06-4P female with 7.5 meter PVC unshielded cable
PSE137	Deutsch DT06-4P female with 10 meter PVC unshielded cable
PSE138	Deutsch DT06-4P female with 20 meter PVC unshielded cable
PSE205	Packard Metri-Pack with 1 meter PVC shielded cable
PSE206	Packard Metri-Pack with 3 meter PVC shielded cable
PSE207	Packard Metri-Pack with 5 meter PVC shielded cable
PSE208	Packard Metri-Pack with 7.5 meter PVC shielded cable
PSE209	Packard Metri-Pack with 10 meter PVC shielded cable
PSE210	Packard Metri-Pack with 20 meter PVC shielded cable

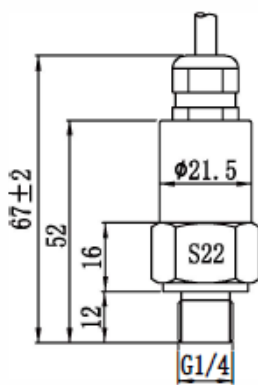
Technical Parameters

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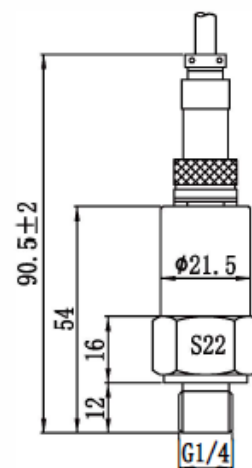
Accuracy	At 77°F	± 0.5% FS typical ± 1.0% FS typical
	Stability	<0.5% FS 1 yr
Environmental	Media temperature	-4°F ... +185°F
	Ambient temperature	-40°F ... +212°F
	Protection	IP65, IP67
Mechanical	Wetted parts	Pressure Port: Stainless Steel 304 Sensing Element: Ceramic O-Ring Seal: FKM O-Ring Seal: NBR



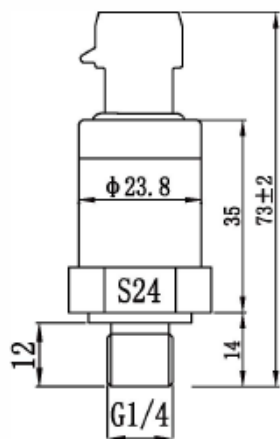
Small Hirschmann Connector



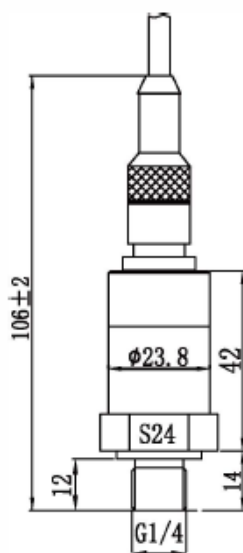
M12 Cable Outlet



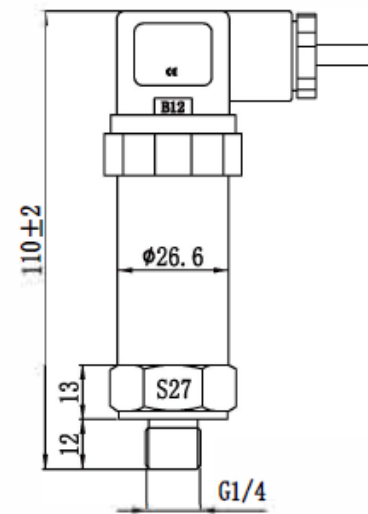
GX12 Aviation Connector



Packard Connector



M12 Aviation Connector



Big Hirschmann Connector