Pressure and level transmitters

Electronic Pressure Switch, Relay Output, M12 (8P)

Model CS-PT624

Electronic pressure switch with relay output and alarm pressure adjustable from 0 to full scale, 0...2–600bar range, ±0.5%F.S accuracy and IP65 protection.



Range	Accuracy
0...2–600bar	±0.5%F.S
Output	**Protection**
Relay Output	IP65

Features

- Relay output
- Over-voltage protected
- M12 (8P) electrical connection
- 12–30VDC supply
- G1/2, G1/4, M20*1.5, NPT1/2, NPT1/4 connections

Specifications

Performance

Pressure range	0...2–600bar
Overload pressure	≥150%F.S
Accuracy	±0.5%F.S
Long-term stability	±0.5%F.S/year
Response time	≤10ms

Electrical

Output signal	Relay Output
Supply voltage	12–30VDC
Current without load	≤ 8 mA
Rated load for relay	0.5A 120VAC or 1A 24VDC
Overvoltage	32VDC
Reverse voltage	-30VDC

Insulate resistance	≥100MΩ@100VDC
Electrical connection	M12 (8P)

Environmental

Operating temperature	-20°C~60°C, but can't beyond the temperature of seal material
Storage temperature	-20°C~60°C
Random vibration	10g, 5–2000Hz
Shock	X/Y/Z, 20g, sine 11ms
Drop (any axis)	1m

Mechanical

Pressure connector	G1/2, G1/4, M20*1.5, NPT1/2, NPT1/4 and others
IP rating	IP65
Connector material	304 stainless steel default, 316L stainless steel and Titanium optional
Seal material	NBR O-Ring default (-20°C~+100°C), FKM optional (-15°C~+135°C) or others

Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

Guangzhou Dwin Technology Co., Ltd., 4th Floor, Building 2, No. 4 Xingye Road, Xiaowu Second Industrial Zone, Dongyong Town, Nansha District, Guangzhou, China. Specifications are typical values and may change without notice; confirm critical values with DWIN before design-in. Revision 2026-11.