

Product data sheet

Specifications



Pressure transmitter, Pressure, differential, accuracy of $\pm 0.025\%$, for demanding applications

IDP50S

Main

Range Of Product	Pressure
Product Or Component Type	Pressure transmitter
Type Of Measurement	Differential

Complementary

Turndown	400:1
Response Time	125 ms
Mounting Type	Low profile Biplanar
Measurement Accuracy	+/- 0.025 % of reading
Maximum Pressure	3000 psi 207 bar
Drift	+/- 0.015 % of measuring range per year, for 10 years
Communication Protocol	FOUNDATION fieldbus HART

Environment

Ip Degree Of Protection	IP67
Nema Degree Of Protection	NEMA 4X
Product Certifications	FM CSA ATEX IEC-Ex EAC INMETRO TÜV Rheinland (SIL3) NEPSI
Standards	NACE MR01-03

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	5 years
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov