Product data sheet

Specifications



Pressure transmittor, Pressure, absolute, accuracy of ±0.025%, for demanding applications

IAP50S

Main

Range of Product	Pressure	
Product or Component Type	Pressure transmitter	
Type of Measurement	Absolute	

Complementary

turndown	400:1	
Response Time	100 ms	
mounting type	Direct connect Low profile Biplanar	
Measurement accuracy	+/- 0.025 % of reading	
Maximum pressure	6000 psi 414 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

Contractual warranty

Warranty

5 years

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

C Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability \geq

Carbon footprint (kg CO2 eq, Total Life cycle)	73	
Environmental Disclosure	Product Environmental Profile	

Use Better

$^{\mbox{\footnotesize \ensuremath{\Theta}}}$ Materials and Substances	
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
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

Use Again

\circlearrowright Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.