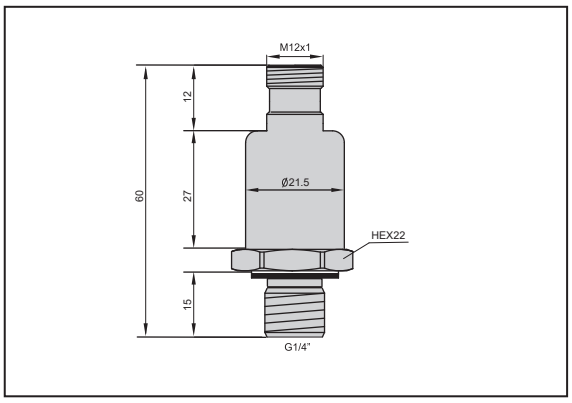
S300 series
Pressure transmitter

S300X-R100-05-J



- Welded all-metal measuring element
- Wide pressure range, accuracy up to 0.5%FS
- Small size, Stainless steel shell.

Technical parameter

Electrical parameter

Temperature drift	0.2% FS/Year		
Accuracy	±0.5% FS		
Thermal zero drift	< ± 0.15% FS/10K		
Heat drift	< ± 0.15% FS/10K		
Response time	0.5ms		
Maximum range (bar)	6~20	20~200	200~2000
Overload pressure (bar)	3X	3X	2~2.5X
Burst pressure (bar)	5~10X	5~10X	3~5X
Operating Voltage	18...30Vdc		
Power supply current	5mA		
Output type	0...10V		
Measuring range	0...100 bar		
Medium temperature	- 40°C~120°C		
Ambient temperature range	- 40°C~120°C		
Compensation temperature range	- 40°C~120°C		

Mechanical parameter

Material of shell/liquid receiving part	304 stainless steel
Process connection	G1/4 external thread
Maximum torque of shell nut	35Nm
Electrical connection	Connector M12 x 1

Wiring diagram

