

Analog temperature transmitter

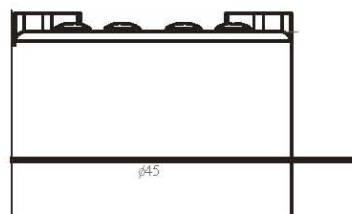
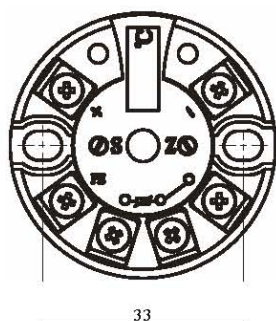
• SRS33

Description & Features:

- Designs for Pt100
- Output signal 4-20mA two wires
- Configurable measuring ranges
- Large ambient temperature range
- Compact and inexpensive
- *** INTRINSICALLY SAFE ***



Dimensions (mm)



Specifications

Input	1 xPt100 (2- or 3-wire)
Measuring range	-200°C - +600°C
Supply voltage	12-30VDC, 24VDC
Output signal	4-20mA, 2-wire
Accuracy	0.5%F.S., 0.2%F.S
Reaction time	1ms, 10-90%F.S
Stability	0.1%F.S./ 12months
Temperature drift	0.03%F.S./10 °C
Output distance	1000meters
Loadresistance	Less than 8000

Permissible temperature

Environment temperature	-20-50°C
Storage temperature	-40-125°C

Material

Cue	PVC
Electrical connection	6 soldered jumpers, silver-plated brass
Mounting thread	2*M4 screw, with damping spring

Mechanical stability

Anti-vibration	20g, 20-5000Hz
Anti-shock	100g, 11ms

Electrical protection

Insulation resistance	500V/100Mn
Electrical protection	short-circuit protection, polarity protection

Calibration

Calibration at factory	setting according to the requirements
Adjustment range span	approx. +/-5%

Electromagnetic compatibility

EMC	EN61326
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Goods info

Weight	50g
Packages	Carton

Measuring range

0-100°C	0-150°C	0-200°C	0-250°C	0-300°C
0-400°C	0-500°C	0-600°C	-50-50°C	-50-100°C
-50-150°C	-100-0°C	-100-50°C	-100-100°C	

Customer	
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