

## SCR400

- sensor with GDM plug and display
- temperature range  $-50 \div 550^{\circ}\text{C}$  (depending on construction)
- stainless steel sheath
- thermowell spring protection against excessive cable bending
- possibility of mounting a 4...20 mA or 0...10 V temperature transmitter
- local LED display optionally

Resistance thermometer SCR400 consists of a non-replaceable measuring insert, a welded protection tube with process connection, and a Hirschmann brand GDM type socket. The measuring transmitter is installed into the top part of the casing. The sensor with a built-in 4...20 mA transmitter can be equipped with a local LED display. The immersion length of the sensor, process connection, length of the thermowell, shape, and material of the sheath can be selected depending on the requirements of the application.

### Application areas

- equipment/tank design,
- technological process installations in all branches of industry,
- machine design,
- heating systems, air conditioning and ventilation.

## TECHNICAL DATA

Sensing element	Pt100, Pt500, Pt1000 (2-, 3- or 4-wire)
Measuring range	$-50 \div 100^{\circ}\text{C}$ (thermowell with process connection); $-50 \div 550^{\circ}\text{C}$ (thermowell with process connection away from plug and without process connection)
Process connection	G1/2", M20x1,5
Class	A or B
Thermowell	material: stainless steel 1.4541 length: any diameter: $4 \div 15$ mm

## ORDERING

SCR400-X-X-X-X-X-X-X-X-X-X

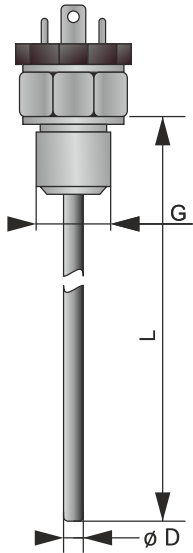
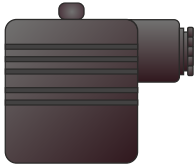
<u>temperature sensor:</u>	_____	<u>output signal or temperature transmitter settings:</u>	_____
1 : single		please specify.	
2 : double		<u>measuring circuit</u>	
PP : with transmitter		(sensor without transmitter):	
L : with transmitter and local display		2 : 2-wire	
<u>sensing element:</u>	_____	3 : 3-wire	
Pt 100		4 : 4-wire	
Pt 500		<u>accuracy class:</u>	
Pt 1000		A,	
other, please specify		B	
<u>construction:</u>	_____	<u>process connection (for GB and GN):</u>	
P : without process connection		M20x1,5	
GB : with process connection		G1/2"	
GN : with process connection away from plug		other, please specify	
<u>shift (only for GN construction):</u>	_____	<u>sheath length (L):</u>	
- : standard L=145 mm		100 mm (standard)	
other, please specify		other, please specify	
<u>sheath diameter (ØD):</u>	_____		
4 mm			
5 mm			
6 mm			
other, please specify			

### Ordering example:

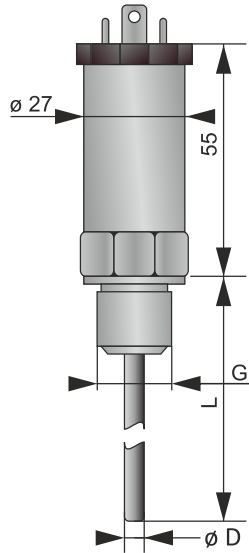
SCR400-PP-Pt100-GB-6-100-G1/2" -A-4...20mA-(0-100)  
RTD temperature sensor with 4...20 mA transmitter, 1xPt100, A tolerance class, thermowell diameter 6 mm, length 100 mm, construction with process connection G1/2", temperature range 0-100°C.



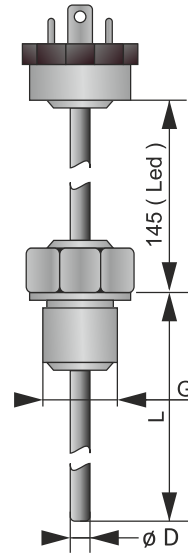
CONSTRUCTION



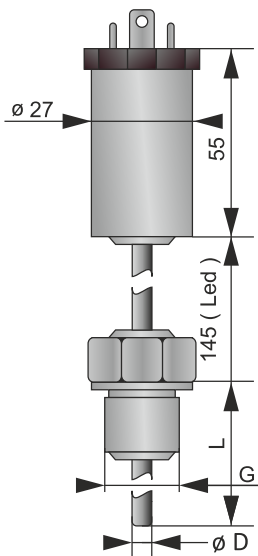
Without transmitter,  
with process connection



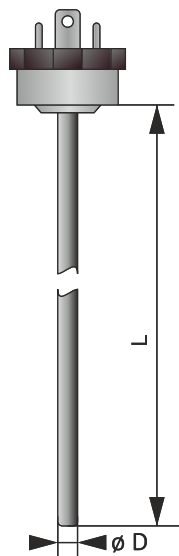
With transmitter  
and process connection



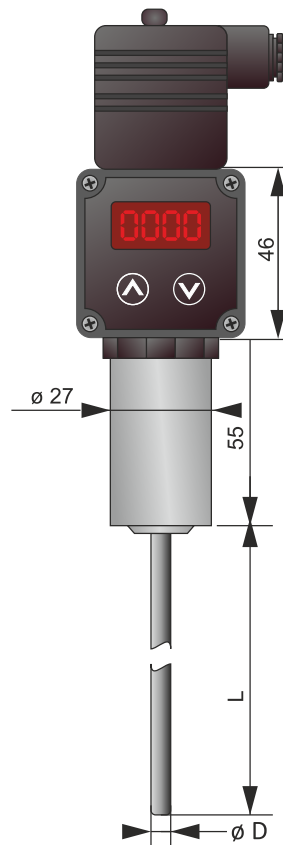
Without transmitter,  
with process connection  
away from plug



With transmitter,  
with process connection  
away from plug



Without process connection  
and transmitter



Without process connection,  
with transmitter  
and local display

