



Soffieria Sestese S.r.l.

Via Riccardo Wagner, 291
20831 Seregno (MB) – ITALY

Ph. +39 0362 17.90.991
Fax +39 0362 17.95.763

VAT Ref. IT00846850964
F.C. 07109250154

info@soffieriasestese.it



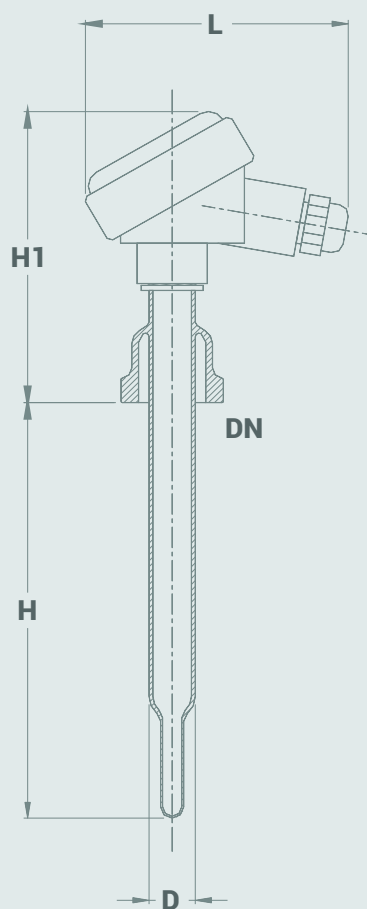
www.soffieriasestese.it

The working principle for metal resistance sensors, normally called thermoresistances, is based on the variation of the electrical resistance of a metal with variations in the surrounding temperature.

In the industrial field the materials most frequently used are platinum and nickel which, due to their high resistivity and stability, permit the production of thermoelements which are highly reproducible, with excellent dynamic characteristics and can be produced in very small size.

Technical Data

- Temperature range: -50 ÷ + 200°C
- Output signal: 4 ÷ 20 mA
- Type of explosion protection: EEx ia IIG T6C
- Materials:
 - thermometer in platinum sensitive element on a ceramic substrate
 - protective cover borosilicate glass 3.3
 - connection head in polyamide



TECHNICAL SPECIFICATIONS

DN	H	H1	L	D	CODE	
					WITHOUT TRANSMITTER	WITH TRANSMITTER
25	100	140	110	22	SWID 025/100/3	SWID T025/100/3
25	150	140	110	22	SWID 025/150/3	SWID T025/150/3
25	200	140	110	22	SWID 025/200/3	SWID T025/200/3
25	300	140	110	22	SWID 025/300/3	SWID T025/300/3
40	200	140	110	22	SWID 040/200/3	SWID T040/200/3
40	300	140	110	22	SWID 040/300/3	SWID T040/300/3
40	500	140	110	22	SWID 040/500/3	SWID T040/500/3