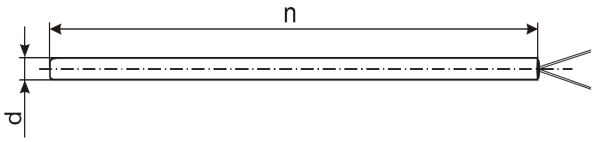
TERMOREZISTENTA tip TSN

MINERAL-INSULATED RTD PROBE — **Nx (TSNx)**

Sheath - see table
Extension cable - see table notes

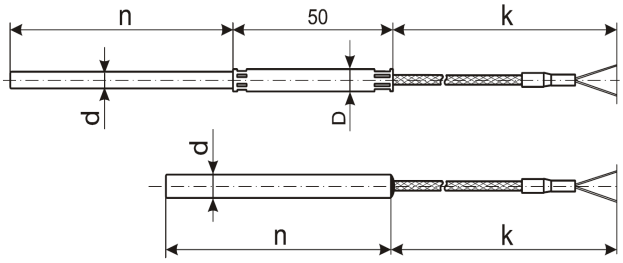
SENSITIVE ELEMENT	SHEATH MATERIAL	TEMPERATURE RANGE **	DIMENSIONS d [mm]	DIMENSIONS wires
1 x Pt (RB,RD,RF,RG)	M2, M3, M5, M8, M9	T7 0...200 °C T8 0...400 °C T9 -50...200 °C T1 -50...400 °C T11* -50...600 °C T4* 0...800 °C	4.5, 6, 8	2, 3, 4
2 x Pt (RB,RD,RF,RG)	M2, M3, M5, M8, M9		6, 8	2x2

MI CABLE PROBE ONLY (N)



n = 50 ... 50 000 mm

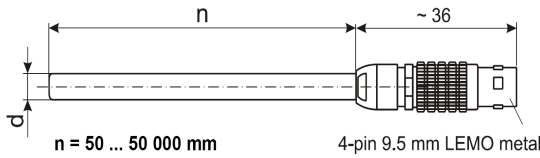
DESIGN WITH EXTENSION CABLE (NA)



n = 50 ... 50 000 mm
k = 1 ... 10 m

d	4.5	6	8
D	6	8	d

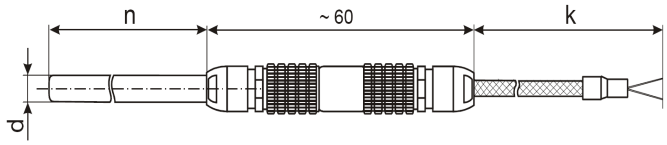
DESIGN WITH CONNECTOR (NH)



n = 50 ... 50 000 mm
d ≤ 6 mm

4-pin 9.5 mm LEMO metal connector

DESIGN WITH CONNECTOR AND EXTENSION CABLE (NHA)



n = 50 ... 50 000 mm d ≤ 6 mm k = 1 ... 10 m

Sheath material:
1.4541 (M2), 1.4571 (M3), 1.4841 (M5), 2.4816 (M8), 1.4404 (M9)

Cable type:
- GLGLP(V) (glass fiber w/ steel braid, max. 400 °C ambient temperature ***)
- SLSL or TSL (silicone, max. 250 °C ambient temperature)
- TT (Teflon®, max. 250 °C ambient temperature ***)
- YY (PVC, max. 100 °C ambient temperature)
- UU or YU (PUR, max. 80 °C ambient temperature)
- SFSF (mineral fiber, max. 1000 °C ambient temperature)

Tip shape:
standard or narrowed *
(see Appendix - Tip shapes)

Accuracy class:
'A', 'B', or '2xB'
(see Appendix - RTD Tolerance)

Cable connector:
4-pin (C3)
(see Appendix - Connectors)

* Please contact
** Max. 550 °C (for chip RTD) or 800 °C (for wire-wound RTD)
*** Sub-zero temperatures are not allowed

Distribuitor:

SYSCOM 02 Srl Bucuresti

Tel./ Fax.: 021 410 5281; mobil: 0722 725659; e-mail: syscom02@automatizariindustriale.ro;

www.automatizariindustriale.ro

Ordering code TSN(A,H,HA) - G1G2.G3.G4.G6.G8.G10.G11.G12.G14.G15 - #1

Code	Feature or option	Code values
G1	Number of RTD sensors	1 or 2
G2	Sensor	RB - Pt50, RD - Pt100, RF - Pt500, RG - Pt1000
G3	Temperature range	T7 - 0…200 °C, T9 - -50…200 °C, T8 - 0…400 °C, T1 - -50…400 °C, T11 - 50…600 °C, T4 - 0…800 °C
G4	Diameter 'd' [mm] (1)	4.5, 6, 8
G6	Probe length 'n' [mm]	50...50000
G8	Cable length 'k' [m] and type	X - no cable, 1GL...10GL - glass fiber, 1SL...10SL - silicone, 1TF...10TF - Teflon®, 1PU...10PU - polyurethane (4) , 1MF...10MF - mineral fiber, 1PV...10PV - PVC
G10	Sheath material	M2 - 1.4541, M3 - 1.4571, M5 - 1.4841, M8 - 2.4816 (Inconel 600), M9 - 1.4404
G11	Accuracy class	A - 'A', B - 'B', C - '2xB'
G12	Number of wires	2, 3, 4
G14	Tip shape	X - standard (isolated from sheath), N - narrowed (2,4)
G15	Connector (3)	X - none, C3 - 4-pin male plug-in connector ø8 (for H5700 thermometer only)
#1	Options	X - none, OS - cable protection SS spring (≈ 50 mm) (3), OB - braid termination lead (only w/o connector) (3), OP - electrochemically polished sheath surface

(1) Up to 6 mm for TSNH and TSNHA
(2) Only for TSN!
(3) Only for TSNA and TSNHA!
(4) Contact

Distribuitor:

SYSCOM 02 Srl Bucuresti

Tel./ Fax.: 021 410 5281; mobil: 0722 725659; e-mail: syscom02@automatizariindustriale.ro;

www.automatizariindustriale.ro