

Snímač je vhodný na meranie teploty najmä v peciach na tepelné spracovanie, v kotolniach atď. Tento snímač má dvojitú ochrannú trubicu: vnútornú keramiku a vonkajšiu časť vyrobenú z tepelne odolnej ocele.

Špecifikácia:

Merací rozsah/typ snímača:

-40 až +1200°C – Tc K, TcS, TcR – class 2

Materiál jímky:

– materiál vonkajšej trubice:

materiál: steel 1.4841, max. temp. 1150°C

materiál: steel 1.4762, max. temp. 1200°C

materiál: steel 15Cr25T, max. temp. 1000°C

– materiál vnútorná keramika: mullite 610, ø15mm

– dĺžka L [mm]: 300÷2000

Hlavica

- typ BA, krytie IP55, -40 až +100°C

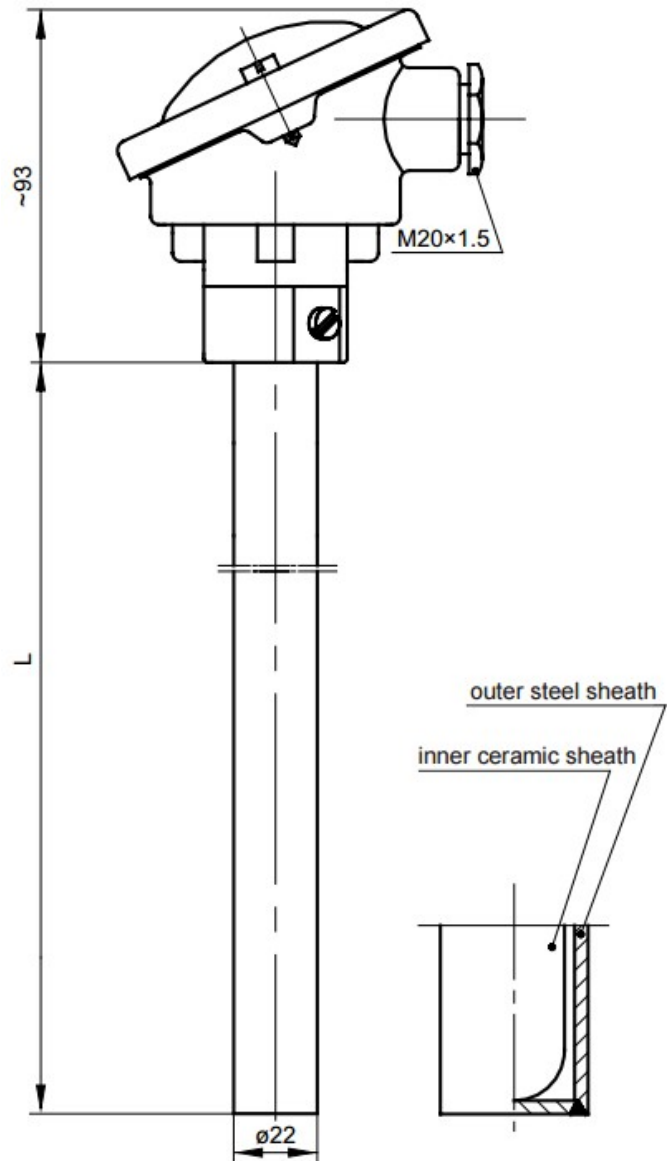
Priemer drôtu termočlánku:

– ø2mm pre tcK

– ø0,35mm alebo ø0,5 pre tcR a tcS

Možnosti:

- lokálny displej v hlavici na zobrazenie teploty DANWwin
- zmena typu hlavice
- trieda presnosti snímačov: Tc: class 1
- prevodník teploty do hlavice 4-20 mA alebo 0-10V



Tolerancia pre termočlánky (podľa normy EN60584):

Class 1

Typ termočlánku	Merací rozsah:	Tolerancia:
R PtRh13-Pt S PtRh10-Pt	od 0 do +1100 od +1100 do +1600	±1 ±(1 + 0,003 (t - 1100))
K - NiCr-NiAl	od -40 do +375 od +375 do +1000	±1,5 ±0,004 t

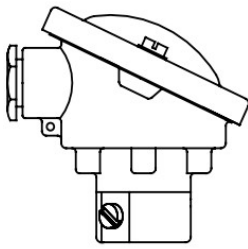
Class 2

Typ termočlánku	Merací rozsah:	Tolerancia:
R PtRh13-Pt S PtRh10-Pt	od 0 do +600 od +600 do +1600	±1,5 ±0,0025 t
K - NiCr-NiAl	od -40 do +333 od +333 do +1200	±2,5 ±0,0075 t

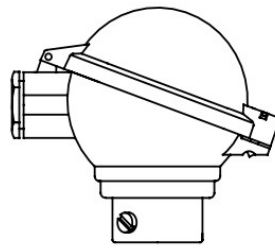
Typy hlavíc:

Connection head type AA in standard.

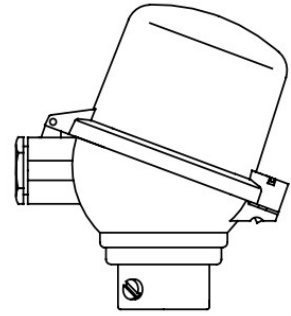
Possibility to mount the connection head of different type.



AA



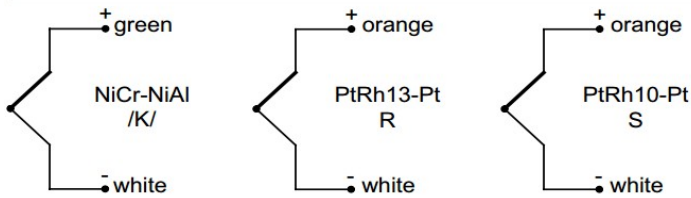
DA



DAW

Schémy zapojenia snímačov:

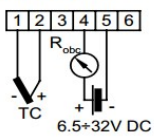
TC (thermocouple)



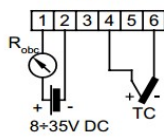
In double sensors one of thermocouples is additionally marked out.

Schémy zapojenia prevodníkov:

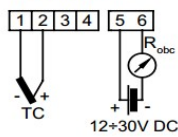
APAQ-HCF



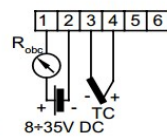
LTT-01



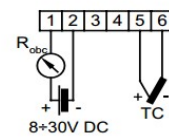
TxIsoPack
TxBlock



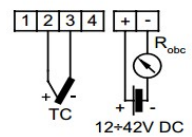
FLEX TOP 2203



FLEX TOP 2211

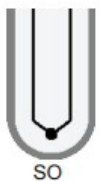


ROSEMOUNT 248H
ROSEMOUNT 248R



Možnosti „horúceho konca“ pre termočlánky:

Thermocouple hot junction
types



SO



SOB

Product code

		Sensor version	
		no designation	single
1	<input type="text"/>	2	double
		AP	with transmitter
		Sensing element	
		S	thermocouple S
2	<input type="text"/>	R	thermocouple R
		K	thermocouple K
		Thermowell length	
		500	500mm
		710	710mm
		1000	1000mm
		1400	1400mm
3	<input type="text"/>	2000	2000mm
			other parameters acc. to requirements
		Accuracy	
4	<input type="text"/>	1 or 2	for thermocouple
		Platinum wire diameter	
		0,35	ø0,35mm
5	<input type="text"/>	0,5	ø0,5mm
		Transmitter type (optionally)	
		Tx	head mounted TxBlock transmitter
6	<input type="text"/>		other parameters acc. to requirements
		Temperature range of transmitter	
		(0+1200°C)	transmitter configured for temperature range 0+1200°C
7	<input type="text"/>		other parameters acc. to requirements

1 2 3 4 5 6 7
 TT CU-22 - - - - -