

# TEMPERATURE SENSOR

## T-219a

### Applications:

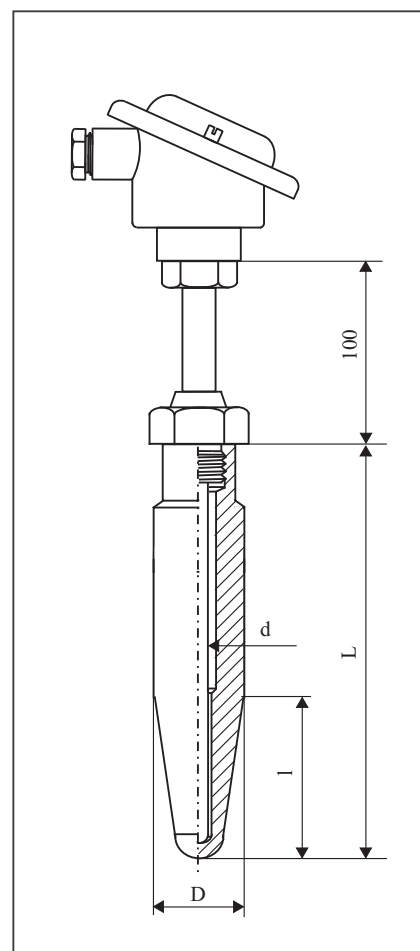
Temperature sensor for measurement in steam boilers, pipelines, pressure systems.

### Technical Data

Measuring range	up to 550°C
Rodzaj termoelementu	NiCr-NiAl (K) wg PN-EN 60584 others (J,L,T,E,N) IEC 584
Protection tube material	stainless steel 1H18N9T (1.4541)
Terminal head ambient temperature	100°C or 150°C
With transmitter	P - table of transmitters

### Ordering code

Transmitter	up to table	e.g. P1
Insert design	single - no signs double - 2	
Thermocouple type	NiCr-NiAl (K) others (J,L,T,E,N)	K
Thermowell dia. D	∅ 18 H7 ∅ 24 H7	18H7
Sensor diameter d	∅ 3 mm ∅ 6 mm	3
Thermowell length L	100 mm 140 mm 200 mm	140
Process connection dimatons	M12x1,5 M14x1,5	M12x1,5
Terminal head type	B, NA	e.g. B
Thermowell material	15 HM 10 H2M	15HM
Tolerance	class 1, 2	e.g. 2



WELL [mm]			INNER THREAD	SENSOR [mm]	
D	L	l		d	dl
18H7	100	35	M12x1,5	3	230
	140	65			270
	200	65			330
24H7	140	65	M14x1,5	6	270
	200	65			330

### Order example:

T-219a-K-18H7-3-140-M12x1,5-B-15HM-2- single thermocouple type K, thermowell dia. D=18 mm, sensor diameter d=3 mm, lenght L=140 mm, with thread M12x1,5, terminal head B, with thermowell made of steel 15HM, class 2.