



THERMOCOUPLE with connection cable Type TER-PKbm-75

Thermocouple type TER-PKbm-75 has been designed for temperature measurement in instruments of rubber (tire) industry.

Ending (protection tube) of special ring shape, fixed, allows appropriate measurement.

THERMOCOUPLE SPECIFICATION

Sheathed sensor insert	Temp. range - Class 1	Junction	Characteristic
1xFe-CuNi (J)	0°C..+150°C	Grounded	acc. PN-EN 60584-1

Protection tube

Diameter d [mm]	Material acc. WNr / DIN	Material acc. ASTM / AISI	Length L	Diameter of thermocouple
Ø19 h9	1.4571	316 Ti	106 mm	Ø0,8 mm

Connection cable

Thermocouple	Configuration	Diameter	Type	Insulation	Max. operating temp.	Length L _k
Single	2 wire	Ø3,2	L2GGD-J-0,22	glass fibre, screen	+400°C	as per client request

NOTE: Non-standard models available

Ordering Information

TER-PKbm-75 - A - B - C - D - E - F - G - H

A. Type of thermocouple		A
	1xFe-CuNi	1xJ
B. Junction		B
	Grounded	Z
C. Protection tube diameter d		C
	Ø 19 h9	19
D. Protection tube material		D
	1.4571	1.4571
E. Protection tube length L		E
	106 mm	106
F. Configuration and cable type		F
	2 wire (L2GGD-J-0,22)	2p-L2GGD-J
G. Cable length		G
	L _k	specify in mm
H. Thermocouple operating temperature		H
	T	specify in °C

Ordering Example

TER-PKbm-75-1xJ-Z-19-1.4571-106-2p-L2GGD-J-800-100

stands for : **Thermocouple with connection cable , with thermoelement 1xFe-CuNi, ungrounded, protection tube diameter φ19 h9, material 1.4571, length 106mm, configuration 2-wire, cable type L2GGD-J, length L_k=800 mm, operating temp. up to 100°C.**