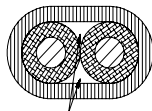


THERMOCOUPLE WIRE

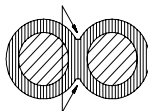
Teflon[®] single extrusion insulation; 205 °C

TYPICAL DUPLEX WIRE



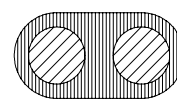
LEAKAGE PATHS

OTHER SINGLE EXTRUSION WIRE



POTENTIAL LEAKAGE PATHS

TE/D AUTOCLAVE THERMOCOUPLE WIRE



NO LEAKAGE PATHS

Features:

- Reduces vacuum leakage
- Small diameters
- Smooth oval design
- Excellent chemical/abrasion resistance
- Also available as ready made sensor

Applications:

- Specially designed for use in Autoclaves
- Test stands
- Dry environment recommended

Specifications:

Conductors	:	0,08 mm ² (28 AWG) solid
Calibration	:	½ tolerance type J, K and T according to ANSI MC 96.1 / IEC-584
Insulation	:	Teflon [®] FEP transparent, black for type J
Construction	:	parallel pair, single oval extruded, no jacket (see drawing)
Operating temperature (max.)	:	204 °C
Lower flexibility limit	:	-68°C
Identification	:	type K : negative leg magnetic type J : positive leg magnetic and has a slight copper flash, FEP black type T : positive leg copper
Notice	:	highest reduction of leakage is obtained thru a combination with molded connectors as in our ready made sensors

Dimensions and weight:

(nominal values)

Conductor size

AWG	∅ mm	mm ²	outer ∅ mm	weight/km
24	0,51	0,205	1,0 x 2,0	6,1 kg
28	0,32	0,08	0,8 x 1,8	3,4 kg

Ordering code:

Calibration	24 AWG	Stock number	28 AWG	Stock number
Iron-constantan			TE/D-28-JJ	9151390
Chromel-alumel	TE/D-24-KK	9151391	TE/D-28-KK	9151392
Copper-constantan	TE/D-24-TT	9151393	TE/D-28-TT	9151394

[®] Trademark Dupont



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