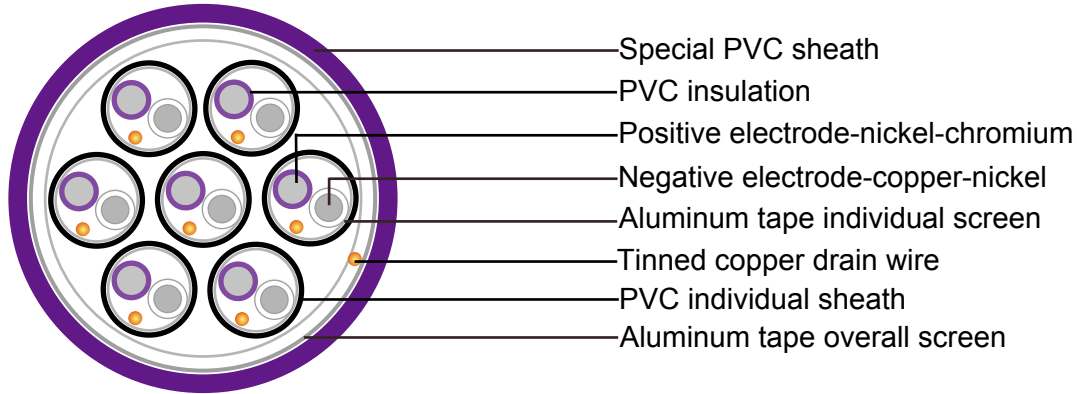


Cables for Oil Industry

Individual & Overall Screened Thermocouple Cable



EX Individual & Overall Screened Thermocouple Cable

Applications

These cables are used with thermocouples for temperature measurements where hydrocarbon may be present.

Standards

IEC 60584-3; NF C 42-324

Construction

Conductor: Metal according to thermocouple type

Insulation: PVC

Individual screen: Aluminum/polyester tape with tinned copper drain wire

Individual sheath: PVC

Overall screen: Aluminum/polyester tape with tinned copper drain wire

Sheath: Special PVC. Color depends on thermocouple type

Properties

Flame retardance: NFC 32070 C2, IEC 60332-1-2

Operating voltage: 250V

Operating temperature: -20~60°C

Max. conductor temperature in service: 70°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

Conductor Size mm ²	No. of Pairs	Min. O.D. (mm)	Max. O.D. (mm)	Approx. Weight (kg/km)
0.5 solid	3	11.1	12.8	180
0.5 solid	7	15.4	17.7	335
0.5 solid	12	19.8	22.8	545
0.5 solid	19	24.6	28.1	825
0.5 solid	27	28.9	33.2	1135