

Compensation & Extension Cables

PFA insulated extension cables for resistance thermometers

TGV with fiber-glass braiding and stainless steel wire armoring



TGV

Construction:

Conductor:	nickel-plated copper strands
Insulation:	PFA
Braiding:	fiber-glass
Stranding:	conductors together
Armoring:	galvanized steel wire armoring (VA) with tracer
Shape:	round

Technical data:

Min. bending radius:	12 x O.D.
Temperature range of insulation:	<i>static:</i> max. +250°C
	<i>flexible:</i> max. +250°C
	<i>short time use:</i> +260°C
Insulation resistance:	> 1MΩ x km
Burning characteristics:	no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 Cat. C resp. D Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2.
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	dimensions n x mm ²	construction of strands n x wires ø	color code	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 4700218	2 x 0.18	10 x 0.15	red-white	0.134	3.4	1
▶ 4700318	3 x 0.18	10 x 0.15	red-red-white	0.142	3.6	2
▶ 4700418	4 x 0.18	10 x 0.15	red-red-white-white	0.157	4.0	2
▶ 4700618	6 x 0.18	10 x 0.15	red-red-white-white-black-black	0.189	4.8	3