

Compensating and extension cables

PFA insulated extension cables for resistance thermometers

TGV with fibre-glass braiding
and stainless steel wire armouring



TGV

Construction:

Conductor:	nickel-plated copper strands
Insulation:	PFA
Braiding:	fibre-glass
Stranding:	cores together
Armouring:	stainless steel wire armouring (VA) with tracer
Shape:	round

Technical data:

Min. bending radius:	12 x d
Temperature range of insulation:	<i>flexible application:</i> max. +250 °C <i>fixed laying:</i> max. +250 °C <i>limited time of use:</i> +260 °C
Insulation resistance:	> 1MΩ x km
Fire performance:	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, see chapter N „Technical data“. 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 chapter N „Technical data“

TGV

item no.	no. of cores x cross section n x mm ²	construction of strands n x wire ø	outer-ø approx. mm	cable weight ≈ kg/100 m
04700218	2 x 0,18	10 x 0,15	3,4	2,1
04700318	3 x 0,18	10 x 0,15	3,6	2,3
04700418	4 x 0,18	10 x 0,15	4,0	2,7
04700618	6 x 0,18	10 x 0,15	4,8	3,8

SAB colour code:

2-cores	red-white
3-cores	red-red-white
4-cores	red-red-white-white
6-cores	red-red-white-white-black-black