

# Compensating and extension cables

## PFA insulated extension cables for resistance thermometers

TGV with fibre-glass braiding  
and stainless steel wire armouring



TGV

### Construction:

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

### Technical data:

<b>Min. bending radius:</b>	12 x d
<b>Temperature range of insulation:</b>	
flexible application:	max. +250 °C
fixed laying:	max. +250 °C
limited time of use:	+260 °C
<b>Insulation resistance:</b>	> 1MΩ x km
<b>Fire performance:</b>	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
<b>Absence of harmful substances:</b>	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 <sup>2</sup>	construction of strands n x wire ø	approx. outer-ø mm	approx. cable weight kg/km
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