

CABLE

CV020

HE / ION / AWL CABLE SPECIFICATION

Nr. of conductor	5 poles
Conductor section (mm²)	2.5
Conductor material	TINNED COPPER STRANDS
Nr. of strands per wire	50
Strands diameter (mm)	0.25
Primary insulation material	SILICONE RUBBER
Insulation thickness and diameter (mm)	Thickness 1.00 / Diameter 3.20 ± 0.10
Working voltage (cable voltage grade)	2.5 kV impulsive
Insulation voltage	>5 kV between conductors and armour impulsive
Wires colour	BLUE - BROWN - BLACK - GREY - YELLOW/GREEN
Intermediate sheath material	SILICONE RUBBER
Intermediate sheath thickness(mm)	1.20
Intermediate sheath diameter(mm)	11.60
Braiding material	FIBERGLASS
Armour material	GALVANIZED STEEL WIRES BRAID ARMOUR
Over sheath	C80 SILICONE RUBBER
Over sheat colour	DARK ORANGE
Over sheat diameter(mm)	16.00
Cable weight in (kg/m)	0.480
Cable identification code nr.	FG4G4T1AG4 - 5kV
Temperature range (°C)	-50 ÷ +180 (peak short time +250°C)
Bending radius	10 x Ø
Conductor resistance	7.98 Ω/km
Characteristics	High mechanical resistance, halogen free, flame retardant, self-extinguishing, resistance to low temperature
Norms & rules	<p>CONDUCTORS: DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5</p> <p>RULES: IEC 60754-1 IEC 60332-1 + EN 50265-2-1 IEC 60754-2 + EN 50267-2-2 EN 50200 DIR. 2011/65/UE CEI EN 60811-505 CEI EN 60811-506</p> <p style="text-align: center;">CE</p>
Suitable for	HE Ignition, Ionisation Detection, AWL beacon connection

