

Flexible Control Cables YY



Application

A range of highly flexible PVC insulated and sheathed control cables manufactured to VDE specifications, for use in control, instrumentation and electronic applications. Insulated and sheathed with oil resistant PVC they are particularly beneficial in the machine tool, automotive and processing industries.

Cable Construction

Conductor	Flexible Bare Copper Conductors
Insulation	Polyvinylchloride (PVC)
Colour Code	Black white numbered cores
Lay-up	made up in layers with Yellow/Green core on the outer layer
Outer Jacket	Polyvinylchloride (PVC)

Technical Characteristics

Voltage rating	300/500V
Laying temperature (min.)	+5° C
Operating temperature	-40° C up to +50° C
Conductor temperature (max.)	+60° C
Short-circuit temperature (max.)	+150° C/5s
Bending radius (min.)	4 x Ø
Flame retardant	EN 50265-2-1, IEC 60332-1

Cross Section (MM ²)	Current-carrying Capacity		Voltage drop per amp per metre	
	Single Phase AC amp	Three Phase AC amp	DC or Single Phase AC mV	Three Phase AC mV
0.5	3	3	93	80
0.75	6	6	62	54
1.0	10	10	46	40
1.25	13	-	37	32
1.5	16	16	32	27
2.5	25	20	19	16
4.0	32	25	12	10