

Control and connection cables

ULControl® H05VVC4V5-K (NYSLYCYö)

Harmonised PVC control cable, oil-resistant, screened, flexible and numbered



GOOD EMC* CHARACTERISTIC/FLEXIBLE CABLE DESIGN/SMALL BENDING RADIUS/
FLAME RETARDANT CHARACTERISTIC/OIL RESISTANT



APPLICATION

In places where electro-magnetic interference and influence exists
-Instrumentation and Control Engineering
-Fuel Oil Pumps
-In machine production as measurement and control cable
-Production and Assembly Lines
-Dry and humid places
-In places where medium level mechanical stresses exist

CONSTRUCTION

1-Conductor IEC 60228; DIN EN 60228; EN 60228 Class 5
Stranded Electrolytic Bare Copper
2-Insulation EN 50363-3 PVC Compound
3-Colour Code DIN VDE 0293; TS EN 50334 or Black cores with white number Imprinted
4-Stranding In layers of optimum pitch
5-Inner Sheath EN 50363-4-1 PVC Compound
6-Screen Tinned Copper Braid
7-Outer Sheath EN 50363-4-1 TM5 oil resistant PVC Compound
8-Sheath Colour RAL 7001 Grey

TECHNICAL CHARACTERISTICS

CONDUCTOR RESISTANCE		INSULATION RESISTANCE	CURRENT CARRYING CAPACITY		OPERATING VOLTAGE	TEST VOLTAGE	BENDING RADIUS	TEMPERATURE RANGE	FLAME RETARDANT TEST	CHEMICAL RESISTANCE
mm ²	Ω/km	20MΩkm	mm ²	A	300V/500V	2000V	10x Cable Ø	Hareketli / Mobile -5°C+70°C Sabit	IEC 60332-1-2 DIN EN 60332-1-2	IEC 60811-404
0,5	39		0,5	6,0						
0,75	26		0,75	13						
1,0	19,5		1,0	16				Sabit / Stable -30°C+70°C	EN 60332-1-2	
1,5	13,3		1,5	20						
2,5	7,98		2,5	25						

NOTES

*EMC: Electromagnetic compatibility

With their flexible design they can easily be used in narrow spaces.
These cables are not suitable for outdoor use.

OZ: Black insulation+Without Green/Yellow earthing core

JZ: Black insulation+Green/Yellow earthing core

OB: Colour code insulation+Without Green/Yellow earthing core

JB: Colour code insulation+With Green/Yellow earthing core