

Control and connection cables

ULControl® H05VV5-F (NYSLYö)

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



FLEXIBLE CABLE DESIGN/SMALL BENDING RADIUS/FLAME RETARDANT CHARACTERISTIC



APPLICATION

- Instrumentation and Control Engineering
- Industrial Electronics
- In machine production as measurement and control cable
- Production and Assembly Lines
- Dry, moist and wet places
- In places where low 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 insulated cores with white number Imprinted
- 4-Stranding** In layers of optimum pitch
- 5-Sheath** EN 50363-4-1 TM5 oil resistant PVC Compound
- 6-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	7,5x 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						
1,5	13,3		1,5	20						
2,5	7,98		2,5	25				Sabit / Stable -30°C-+70°C	EN 60332-1-2	

NOTES

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