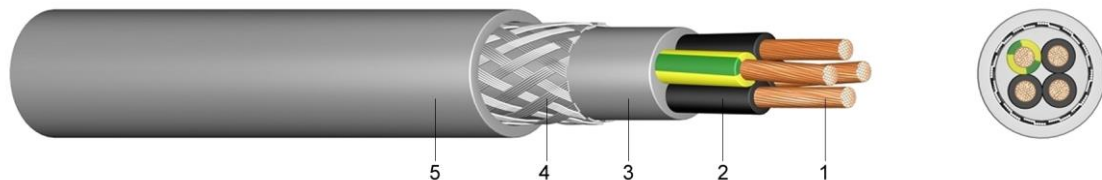




H05VVC4V5-K PVC Control Cable with Copper Braiding, Oil Resistant

Application:

Suitable for dry, damp and wet locations but not in the open-air. It is used as a screened termination and connection cable in the control, measuring and signal technology. Suitable as a signal and impulse cable for control and inspection of industrial plants, machinery and working processes.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of polyvinylchloride (PVC-mixture YI2)
- 3 inner sheath of polyvinylchloride (mixture YM2)
- 4 braiding of tinned copper wires
- 5 outer sheath of polyvinylchloride (PVC-mixture YM2), grey

Standards:

DIN VDE 0285-525-2-51
 HD 21.13.S1
 DIN EN 60228 class 5 (construction)
 core identification: 1 core green/yellow, other cores black with figures

Technical data:

Nominal voltage U ₀ /U		[V]	300 / 500 Volt
Test voltage at 50 Hz	core / core	[V] _{AC}	2000
	core / screen	[V] _{AC}	1000
Temperature range	in motion		-5°C till +70°C
	fixed		-40°C till +70°C
Operating temperature	short circuit	°C	150°C
Short circuit time	max.	[sec]	5
Bending radius	one time / fixed	x diameter	12,5
Bending radius	in motion	x diameter	15,0
Oil-resistant	standard		EN 60811-2-1
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm ²	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg / km
2 X 0,75	○	43	24 x 0,21	8,4	111
3 G 0,75	●	57	24 x 0,21	8,9	130
4 G 0,75	●	70	24 x 0,21	9,6	150
5 G 0,75	●	82	24 x 0,21	10,5	179
7 G 0,75	●	113	24 x 0,21	12,5	263
12 G 0,75	●	192	24 x 0,21	14,6	363
25 G 0,75	○	331	24 x 0,21	19,5	643
3 G 1	●	78	32 x 0,21	9,3	143
4 G 1	●	89	32 x 0,21	10,0	171
5 G 1	●	106	32 x 0,21	10,9	199
7 G 1	●	132	32 x 0,21	13,4	314



Number of cores and nominal cross section mm ²	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg / km
12 G 1	●	206	32 x 0,21	15,4	408
18 G 1	●	316	32 x 0,21	17,9	564
25 G 1	●	429	32 x 0,21	20,5	733
2 X 1,5	○	74	30 x 0,26	10,0	163
3 G 1,5	●	99	30 x 0,26	10,6	186
4 G 1,5	●	121	30 x 0,26	11,5	224
5 G 1,5	●	135	30 x 0,26	12,6	268
7 G 1,5	●	227	30 x 0,26	15,4	418
12 G 1,5	●	322	30 x 0,26	17,8	558
18 G 1,5	●	428	30 x 0,26	20,9	763
25 G 1,5	●	568	30 x 0,26	24,0	1.012
3 G 2,5	●	154	50 x 0,26	12,1	251
4 G 2,5	●	170	50 x 0,26	13,4	323
5 G 2,5	●	208	50 x 0,26	14,7	390
7 G 2,5	●	300	50 x 0,26	17,9	583
12 G 2,5	●	516	50 x 0,26	20,8	778
18 G 2,5	○	615	50 x 0,26	24,4	1.088