

FIVENORM H05V2-K / 05V2-K

PVC single core, finely stranded, HAR - UL AWM - UL MTW - CSA AWM - CSA TEW



TECHNICAL DATA

PVC single core acc. to UL-Std. 758 (AWM) Style 10269, UL-Std. 1063 (MTW), CSA-Std. C22.2 No. 127 - TEW, CSA-Std. C22.2 No. 210 - AWM I A/B, FIVENORM H05V2-K acc. to DIN VDE 0285-525-2-31 / DIN EN 50525-2-31; FIVENORM 05V2-K in alignment with DIN VDE 0285-525-2-31 / DIN EN 50525-2-31

Temperature range	flexible +5°C to +90°C fixed -40°C to +90°C UL (AWM) -40°C to +105°C UL (MTW) -40°C to +90°C CSA (TEW) -40°C to +105°C
Nominal voltage	AC U ₀ /U 300/500 V UL (AWM) AC 1000 V UL (AWM) DC 1250 V UL (MTW) AC 600 V CSA (TEW) AC 600 V
Test voltage	2000 V
Test voltage (spark test)	0.5 mm ² : 5000 V 0.75 - 1 mm ² : 6000 V
Minimum bending radius	fixed 4x Outer-Ø

CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: PVC acc. to DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type T13)

• Core identification: see table

PROPERTIES

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2, UL VW-1, CSA FT1

APPLICATION

Five norms approved connecting jumper wire primarily designed for export, used in machine tools. The approbation of HAR, UL-AWM, UL-MTW, CSA-AWM, CSA-Equipment-wire make possible an economical storekeeping and simplification of parts list.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only
- Approved core colours: black, green-yellow, blue, brown, red, white, grey, violet, yellow, green, orange, pink, turquoise, two-colour coding in any combination of the above mentioned colours

FIVENORM H05V2-K

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	black (RAL 9005)	green-yellow	blue (RAL 5015)	brown (RAL 8003)	red (RAL 3000)	white (RAL 9010)	grey (RAL 7001)	violet (RAL 4005)	yellow (RAL 1021)
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	64075	64076	64077	64078	64079	64080	64081	64082	64083
0.75	20	2.65	7.2	64091	64092	64093	64094	64095	64096	64097	64098	64099
1	18	2.8	9.6	64107	64108	64109	64110	64111	64112	64113	64114	64115

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	orange (RAL 2003)	green (RAL 6018)	dark blue (RAL 5010)	pink (RAL 3015)	blue-orange	blue-white	dark blue-orange	dark blue-white	yellow-brown
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	64088	64085	64087	64084	69830	63402	63332	63404	65386
0.75	20	2.65	7.2	64104	64101	64103	64100	69839	63407	63333	63409	65387
1	18	2.8	9.6	64120	64117	64119	64116	69848	63412	63334	63414	65388

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TEW

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km									
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	69829	69834	63352	69835	63482	69625	69828	69831	69832
0.75	20	2.65	7.2	69838	69843	63353	69844	63483	69626	69837	69840	69841
1	18	2.8	9.6	69847	69852	63354	69853	63484	69627	69846	69849	69850

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km						
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	69833	63372	63405	63403	69827	63406
0.75	20	2.65	7.2	69842	63373	63410	63408	69836	63411
1	18	2.8	9.6	69851	63374	63415	63413	69845	63416

FIVENORM 05V2-K

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	
				Part no.
0.5	22	2.5	4.8	64086
0.75	20	2.65	7.2	64102
1	18	2.8	9.6	64118

FIVENORM H05V2-K Coil in cardboard box (100m)

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km									
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	11019300	11019301	11019302	11019303	11019304	11019305	11019306	11019307	11019308
0.75	20	2.65	7.2	11019335	11019336	11019337	11019338	11019339	11019340	11019341	11019342	11019343
1	18	2.8	9.6	11019370	11019371	11019372	11019373	11019374	11019375	11019376	11019377	11019378

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km									
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	11019312	11019310	11019311	11019309	11019313	11019329	11019315	11019321	11019317
0.75	20	2.65	7.2	11019347	11019345	11019346	11019344	11019348	11019364	11019350	11019356	11019352
1	18	2.8	9.6	11019382	11019380	11019381	11019379	11019383	11019399	11019385	11019391	11019387

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km									
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	11019324	11019328	11019333	11019322	11019334	11019320	11019325	11019327	11019330
0.75	20	2.65	7.2	11019359	11019363	11019368	11019357	11019369	11019355	11019360	11019362	11019365
1	18	2.8	9.6	11019394	11019398	11019403	11019392	11019404	11019390	11019395	11019397	11019400

10.12.2021 / We reserve the right to make technical changes; the imprint in the image is purely exemplary

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TEW

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km							
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	11019331	11019332	11019323	11019318	11019316	11019326	11019319
0.75	20	2.65	7.2	11019366	11019367	11019358	11019353	11019351	11019361	11019354
1	18	2.8	9.6	11019401	11019402	11019393	11019388	11019386	11019396	11019389

FIVENORM 05V2-K Coil in cardboard box (100m)

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	
				Part no.
0.5	22	2.5	4.8	11019314
0.75	20	2.65	7.2	11019349
1	18	2.8	9.6	11019384

FIVENORM H05V2-K Barrel

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km									
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	65402	65403	65404	65405	65406	65407	65408	65409	65413
0.75	20	2.65	7.2	65415	65416	65417	65418	65419	65420	65421	65422	65426
1	18	2.8	9.6	65428	65429	65430	65431	65432	65433	65434	65435	65439

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km									
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	65411	65412	65414	65410	65479	65485	65481	65488	65486
0.75	20	2.65	7.2	65424	65425	65427	65423	65490	65496	65492	65502	65497
1	18	2.8	9.6	65437	65438	65440	65436	65504	65510	65506	65514	65511

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km					
				Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	65484	65487	65482	65480	65483
0.75	20	2.65	7.2	65495	65498	65493	65491	65494
1	18	2.8	9.6	65509	65512	65507	65505	65508

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