

FIVENORM H05V2-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, 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
- certifications and approvals:
HAR
EAC

APPLICATION

Five norms approved connecting jumper wire primarily designed for exportes, 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

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

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	yellow (RAL 1021) Part no.	orange (RAL 2003) Part no.	green (RAL 6018) Part no.	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	ultramarine blue Part no.	turquoise Part no.	blue-orange Part no.
0.5	22	2.5	4.8	64083	64088	64085	64087	64084	-	-	69830
0.75	20	2.65	7.2	64099	64104	64101	64103	64100	-	-	69839
1	18	2.8	9.6	64115	64120	64117	64119	64116	11020935	11019107	69848

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Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	blue-white Part no.	dark blue- orange Part no.	dark blue- white Part no.	yellow-brown Part no.	yellow-blue Part no.	yellow-red Part no.	red-white Part no.	black-yellow Part no.
0.5	22	2.5	4.8	63402	63332	63404	65386	69829	69834	63352	69835
0.75	20	2.65	7.2	63407	63333	63409	65387	69838	69843	63353	69844
1	18	2.8	9.6	63412	63334	63414	65388	69847	69852	63354	69853

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	black-orange Part no.	orange-blue Part no.	orange-dark blue Part no.	orange-red Part no.	orange-black Part no.	orange-white Part no.	white-dark blue Part no.	white-orange Part no.
0.5	22	2.5	4.8	63482	69625	69828	69831	69832	69833	63372	63405
0.75	20	2.65	7.2	63483	69626	69837	69840	69841	69842	63373	63410
1	18	2.8	9.6	63484	69627	69846	69849	69850	69851	63374	63415

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	white-blue Part no.	white-brown Part no.	white-yellow Part no.	white-red Part no.	green-blue Part no.	green-red Part no.	white-violet Part no.	white-tur- quoise Part no.
0.5	22	2.5	4.8	63403	11021598	69827	63406	-	-	-	-
0.75	20	2.65	7.2	63408	-	69836	63411	-	-	-	-
1	18	2.8	9.6	63413	-	69845	63416	11019095	11019096	11019101	11019866

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

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	black (RAL 9005) Part no.	green-yellow Part no.	blue (RAL 5015) Part no.	brown (RAL 8003) Part no.	red (RAL 3000) Part no.	white (RAL 9010) Part no.	grey (RAL 7001) Part no.	violet (RAL 4005) Part no.
0.5	22	2.5	4.8	11019300	11019301	11019302	11019303	11019304	11019305	11019306	11019307
0.75	20	2.65	7.2	11019335	11019336	11019337	11019338	11019339	11019340	11019341	11019342
1	18	2.8	9.6	11019370	11019371	11019372	11019373	11019374	11019375	11019376	11019377

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	yellow (RAL 1021) Part no.	orange (RAL 2003) Part no.	green (RAL 6018) Part no.	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	turquoise (RAL 5018) Part no.	blue-orange Part no.	blue-white Part no.
0.5	22	2.5	4.8	11019308	11019312	11019310	11019311	11019309	11019313	11019329	11019315
0.75	20	2.65	7.2	11019343	11019347	11019345	11019346	11019344	11019348	11019364	11019350
1	18	2.8	9.6	11019378	11019382	11019380	11019381	11019379	11019383	11019399	11019385

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	dark blue- orange Part no.	dark blue- white Part no.	yellow-brown Part no.	yellow-blue Part no.	yellow-red Part no.	red-white Part no.	black-yellow Part no.	black-orange Part no.
0.5	22	2.5	4.8	11019321	11019317	11019324	11019328	11019333	11019322	11019334	11019320
0.75	20	2.65	7.2	11019356	11019352	11019359	11019363	11019368	11019357	11019369	11019355
1	18	2.8	9.6	11019391	11019387	11019394	11019398	11019403	11019392	11019404	11019390

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Cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	orange-blue	orange-dark blue	orange-red	orange-black	orange-white	white-dark blue	white-orange	white-blue
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	11019325	11019327	11019330	11019331	11019332	11019323	11019318	11019316
0.75	20	2.65	7.2	11019360	11019362	11019365	11019366	11019367	11019358	11019353	11019351
1	18	2.8	9.6	11019395	11019397	11019400	11019401	11019402	11019393	11019388	11019386

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km		
				Part no.	Part no.
0.5	22	2.5	4.8	11019326	11019319
0.75	20	2.65	7.2	11019361	11019354
1	18	2.8	9.6	11019396	11019389

FIVENORM H05V2-K Barrel

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km								
				black (RAL 9005) Part no.	green-yellow Part no.	blue (RAL 5015) Part no.	brown (RAL 8003) Part no.	red (RAL 3000) Part no.	white (RAL 9010) Part no.	grey (RAL 7001) Part no.	violet (RAL 4005) Part no.
0.5	22	2.5	4.8	65402	65403	65404	65405	65406	65407	65408	65409
0.75	20	2.65	7.2	65415	65416	65417	65418	65419	65420	65421	65422
1	18	2.8	9.6	65428	65429	65430	65431	65432	65433	65434	65435

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km								
				yellow (RAL 1021) Part no.	orange (RAL 2003) Part no.	green (RAL 6018) Part no.	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	blue-white Part no.	dark blue- orange Part no.	dark blue- white Part no.
0.5	22	2.5	4.8	65413	65411	65412	65414	65410	65479	65485	65481
0.75	20	2.65	7.2	65426	65424	65425	65427	65423	65490	65496	65492
1	18	2.8	9.6	65439	65437	65438	65440	65436	65504	65510	65506

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km								
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0.5	22	2.5	4.8	65488	65486	65484	-	65487	65482	65480	11021919
0.75	20	2.65	7.2	65502	65497	65495	-	65498	65493	65491	11018063
1	18	2.8	9.6	65514	65511	65509	11003766	65512	65507	65505	-

				
Cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Part no.
0.5	22	2.5	4.8	65483
0.75	20	2.65	7.2	65494
1	18	2.8	9.6	65508