

# 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

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

• 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 FT 1

## 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 (mm<sup>2</sup>) 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 <sup>2</sup>	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Core Colours									
				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.	yellow (RAL 1021) 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 <sup>2</sup>	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Core Colours								
				orange (RAL 2003) Part no.	green (RAL 6018) Part no.	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	blue-orange Part no.	blue-white Part no.	dark blue-orange Part no.	dark blue-white Part no.	yellow-brown 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

  

Cross-sec. mm <sup>2</sup>	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	Core Colours								
				yellow-blue Part no.	yellow-red Part no.	red-white Part no.	black-yellow Part no.	black-orange Part no.	orange-blue Part no.	orange-dark blue Part no.	orange-red Part no.	orange-black Part no.
0.5	22	2.5	4.8	69829	69834	63352	69835	63482	69625	69828	69831	69832

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# FIVENORM H05V2-K / 05V2-K

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



## TEW

Cross-sec. mm <sup>2</sup>	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.
0.75	20	2.65	7.2	<b>69838</b>	<b>69843</b>	<b>63353</b>	<b>69844</b>	<b>63483</b>	<b>69626</b>	<b>69837</b>	<b>69840</b>	<b>69841</b>
1	18	2.8	9.6	<b>69847</b>	<b>69852</b>	<b>63354</b>	<b>69853</b>	<b>63484</b>	<b>69627</b>	<b>69846</b>	<b>69849</b>	<b>69850</b>

Cross-sec. mm <sup>2</sup>	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	<b>69833</b>	<b>63372</b>	<b>63405</b>	<b>63403</b>	<b>69827</b>	<b>63406</b>
0.75	20	2.65	7.2	<b>69842</b>	<b>63373</b>	<b>63410</b>	<b>63408</b>	<b>69836</b>	<b>63411</b>
1	18	2.8	9.6	<b>69851</b>	<b>63374</b>	<b>63415</b>	<b>63413</b>	<b>69845</b>	<b>63416</b>

## FIVENORM 05V2-K

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

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

Cross-sec. mm <sup>2</sup>	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	<b>11019300</b>	<b>11019301</b>	<b>11019302</b>	<b>11019303</b>	<b>11019304</b>	<b>11019305</b>	<b>11019306</b>	<b>11019307</b>	<b>11019308</b>
0.75	20	2.65	7.2	<b>11019335</b>	<b>11019336</b>	<b>11019337</b>	<b>11019338</b>	<b>11019339</b>	<b>11019340</b>	<b>11019341</b>	<b>11019342</b>	<b>11019343</b>
1	18	2.8	9.6	<b>11019370</b>	<b>11019371</b>	<b>11019372</b>	<b>11019373</b>	<b>11019374</b>	<b>11019375</b>	<b>11019376</b>	<b>11019377</b>	<b>11019378</b>

Cross-sec. mm <sup>2</sup>	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	<b>11019312</b>	<b>11019310</b>	<b>11019311</b>	<b>11019309</b>	<b>11019313</b>	<b>11019329</b>	<b>11019315</b>	<b>11019321</b>	<b>11019317</b>
0.75	20	2.65	7.2	<b>11019347</b>	<b>11019345</b>	<b>11019346</b>	<b>11019344</b>	<b>11019348</b>	<b>11019364</b>	<b>11019350</b>	<b>11019356</b>	<b>11019352</b>
1	18	2.8	9.6	<b>11019382</b>	<b>11019380</b>	<b>11019381</b>	<b>11019379</b>	<b>11019383</b>	<b>11019399</b>	<b>11019385</b>	<b>11019391</b>	<b>11019387</b>

Cross-sec. mm <sup>2</sup>	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	<b>11019324</b>	<b>11019328</b>	<b>11019333</b>	<b>11019322</b>	<b>11019334</b>	<b>11019320</b>	<b>11019325</b>	<b>11019327</b>	<b>11019330</b>
0.75	20	2.65	7.2	<b>11019359</b>	<b>11019363</b>	<b>11019368</b>	<b>11019357</b>	<b>11019369</b>	<b>11019355</b>	<b>11019360</b>	<b>11019362</b>	<b>11019365</b>
1	18	2.8	9.6	<b>11019394</b>	<b>11019398</b>	<b>11019403</b>	<b>11019392</b>	<b>11019404</b>	<b>11019390</b>	<b>11019395</b>	<b>11019397</b>	<b>11019400</b>

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# FIVENORM H05V2-K / 05V2-K

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



## TEW

Cross-sec. mm <sup>2</sup>	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	<b>11019331</b>	<b>11019332</b>	<b>11019323</b>	<b>11019318</b>	<b>11019316</b>	<b>11019326</b>	<b>11019319</b>
0.75	20	2.65	7.2	<b>11019366</b>	<b>11019367</b>	<b>11019358</b>	<b>11019353</b>	<b>11019351</b>	<b>11019361</b>	<b>11019354</b>
1	18	2.8	9.6	<b>11019401</b>	<b>11019402</b>	<b>11019393</b>	<b>11019388</b>	<b>11019386</b>	<b>11019396</b>	<b>11019389</b>

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

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

## FIVENORM H05V2-K Barrel

Cross-sec. mm <sup>2</sup>	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	<b>65402</b>	<b>65403</b>	<b>65404</b>	<b>65405</b>	<b>65406</b>	<b>65407</b>	<b>65408</b>	<b>65409</b>	<b>65413</b>
0.75	20	2.65	7.2	<b>65415</b>	<b>65416</b>	<b>65417</b>	<b>65418</b>	<b>65419</b>	<b>65420</b>	<b>65421</b>	<b>65422</b>	<b>65426</b>
1	18	2.8	9.6	<b>65428</b>	<b>65429</b>	<b>65430</b>	<b>65431</b>	<b>65432</b>	<b>65433</b>	<b>65434</b>	<b>65435</b>	<b>65439</b>

Cross-sec. mm <sup>2</sup>	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	<b>65411</b>	<b>65412</b>	<b>65414</b>	<b>65410</b>	<b>65479</b>	<b>65485</b>	<b>65481</b>	<b>65488</b>	<b>65486</b>
0.75	20	2.65	7.2	<b>65424</b>	<b>65425</b>	<b>65427</b>	<b>65423</b>	<b>65490</b>	<b>65496</b>	<b>65492</b>	<b>65502</b>	<b>65497</b>
1	18	2.8	9.6	<b>65437</b>	<b>65438</b>	<b>65440</b>	<b>65436</b>	<b>65504</b>	<b>65510</b>	<b>65506</b>	<b>65514</b>	<b>65511</b>

Cross-sec. mm <sup>2</sup>	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	<b>65484</b>	<b>65487</b>	<b>65482</b>	<b>65480</b>	<b>65483</b>
0.75	20	2.65	7.2	<b>65495</b>	<b>65498</b>	<b>65493</b>	<b>65491</b>	<b>65494</b>
1	18	2.8	9.6	<b>65509</b>	<b>65512</b>	<b>65507</b>	<b>65505</b>	<b>65508</b>

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