

# FIVENORM H05V2-K / 05V2-K

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



## TECHNICAL DATA

PVC single conductor 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>	flexing +5°C to +90°C static -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
<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>	static 4x Outer-Ø

• Conductor 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 norm approved connecting jumper wire primarily designed for exporting, used in machine tools. The approbation of HAR, UL-AWM, UL-MTW, CSA-AWM, CSA-Equipment-wire make economical warehousing and part list simplification possible.

## NOTES

- The conductor is metrically (mm<sup>2</sup>) constructed, AWG numbers are approximated, and are for reference only
- Approved conductor colors: black, green-yellow, blue, brown, red, white, gray, violet, yellow, green, orange, pink, turquoise, two-color coding in any combination of the above mentioned colors

## CABLE STRUCTURE

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

## FIVENORM H05V2-K

Cross sec. mm <sup>2</sup>	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)	Gray (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 <sup>2</sup>	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

# FIVENORM H05V2-K / 05V2-K

PVC single conductor, 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.
0.5	22	2.5	4.8	<b>69829</b>	<b>69834</b>	<b>63352</b>	<b>69835</b>	<b>63482</b>	<b>69625</b>	<b>69828</b>	<b>69831</b>	<b>69832</b>
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>

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

# FIVENORM H05V2-K / 05V2-K



PVC single conductor, 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>