FIVENORM H05V2-K TINNED

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 mm²: 5000 V 0.75 - 1 mm²: 6000 V
Minimum bending radius	fixed 4x Outer-Ø

CABLE STRUCTURE

- Copper wire tinned, 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 TI3)
- 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

Cross-sec. mm²	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.	yellow (RAL 1021) Part no.
0.5	22	2.5	4.8	**64331**	**64342**	**64332**	**64333**	**64334**	**64335**	**64336**	**64337**	**64341**
0.75	20	2.65	7.2	**64347**	**64358**	**64348**	**64349**	**64350**	**64351**	**64352**	**64353**	**64357**
1	18	2.8	9.6	**64363**	**64374**	**64364**	**64365**	**64366**	**64367**	**64368**	**64369**	**64373**

Cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	orange (RAL 2003) Part no.	green (RAL 6018) Part no.	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.
0.5	22	2.5	4.8	**64339**	**64340**	**64343**	**64338**
0.75	20	2.65	7.2	**64355**	**64356**	**64359**	**64354**
1	18	2.8	9.6	**64371**	**64372**	**64375**	**64370**

17.10.2025 / We reserve the right to make technical changes; the imprint in the image is purely exemplary