



### USE OF CABLE

control cable for teach pads and also for lift, crane and conveyor facilities, in high rack facilities and in port facilities. Suitable for indoor use and outdoor use up to -25° C.



### SPECIAL FEATURES

- with steel-supporting elements
- free from lacquer damaging substances and silicone (during production)

### REMARKS

- conform to RoHS
- free from axial torsion
- capable for high load bearing capacity
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

## PRODUCT INFORMATION

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| Conductor material:          | Bare copper strand                                                      |
| Conductor class:             | Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5                      |
| Core insulation:             | Thermoplast                                                             |
| Core identification:         | Black or white with numerals with or without GNYE                       |
| Stranding:                   | Cores stranded in layers                                                |
| Supporting element:          | 2 steel supporting elements oppositely integrated into the outer sheath |
| Outer sheath:                | PVC                                                                     |
| Sheath colour:               | Black, RAL 9005                                                         |
| Rated voltage:               | Uo/U: 300/500 V                                                         |
| Testing voltage:             | 2 kV                                                                    |
| Current-carrying-capacity:   | Acc. to DIN VDE, see Technical Guideline                                |
| Min. bending radius fixed:   | 12 x d                                                                  |
| Min. bending radius moved:   | 12 x d                                                                  |
| Operat. temp. fixed min/max: | -25 °C / +60 °C                                                         |
| Operat. temp. moved min/max: | -25 °C / +60 °C                                                         |
| Temp. at conductor:          | +70 °C                                                                  |
| Burning behavior:            | Self-extinguishing and flame retardant acc. to IEC 60332-1              |
| Standard:                    | Similar to DIN VDE 0250                                                 |

## ITEM OVERVIEW

| Product No. | Dimension [n x mm²] | Outer-Ø [mm]              | Cu-Index [kg/km] | Weight [kg/1.000] | sheath colour | Variant      |
|-------------|---------------------|---------------------------|------------------|-------------------|---------------|--------------|
| 3000020     | 12 G 1              | 12,5 (19,5) - 15,5 (28,5) | 115,00           | 408,00            | black         | V1: FYMYTW-J |
| 3000024     | 18 G 1              | 15,5 (22,7) - 17,6 (33,4) | 173,00           | 590,00            | black         | V1: FYMYTW-J |
| 3000027     | 25 G 1              | 17,5 (27,0) - 21,8 (37,5) | 240,00           | 751,00            | black         | V1: FYMYTW-J |
| 3001468     | 36 G 1              | 23,1 (38,3)               | 345,60           | 910,00            | black         | V1: FYMYTW-J |
| 3000032     | 8 G 1,5             | 11,5 (21,0) - 15,5 (28,5) | 115,00           | 419,00            | black         | V1: FYMYTW-J |
| 3000021     | 12 G 1,5            | 12,5 (22,5) - 16,7 (31,5) | 173,00           | 515,00            | black         | V1: FYMYTW-J |
| 3000025     | 20 G 1,5            | 15,5 (26,0) - 21,8 (37,5) | 288,00           | 798,00            | black         | V1: FYMYTW-J |
| 3001525     | 3 G 2,5             | 10,2 (17,3)               | 80,00            | 235,00            | black         | V1: FYMYTW-J |
| 3000031     | 5 X 1,5             | 9,0 (18,0) - 14,3 (23,3)  | 77,00            | 349,00            | black         | V2: FYMYTW-O |
| 3000033     | 8 X 1,5             | 11,5 (21,0) - 15,5 (28,5) | 115,00           | 419,00            | black         | V2: FYMYTW-O |
| 3001209     | 12 X 1,5            | 12,5 (22,5) - 16,7 (31,5) | 173,00           | 515,00            | black         | V2: FYMYTW-O |
| 3000023     | 16 X 1,5            | 14,5 (22,7) - 18,5 (32,0) | 230,00           | 594,00            | black         | V2: FYMYTW-O |
| 3000026     | 20 X 1,5            | 15,5 (26,0) - 21,8 (37,5) | 288,00           | 798,00            | black         | V2: FYMYTW-O |

| Product No. | Dimension [n x mm²] | Outer-Ø [mm]              | Cu-Index [kg/km] | Weight [kg/1.000] | sheath colour | Variant      |
|-------------|---------------------|---------------------------|------------------|-------------------|---------------|--------------|
| 3000991     | 30 X 1,5            | 21,0 (30,8) - 24,7 (35,5) | 450,00           | 980,00            | black         | V2: FYMYTW-O |