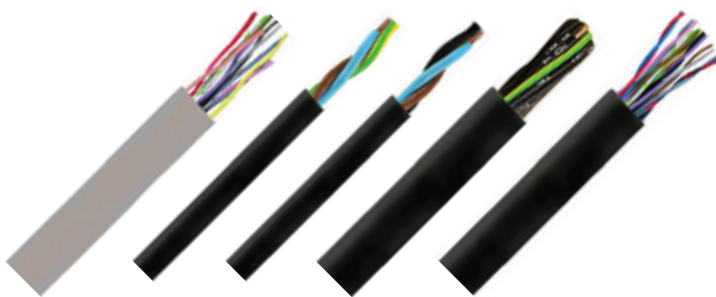


MN-FK
MN-GE
MN-GK



PVC, 105°C and 90°C

Description. Conductor insulation: special PVC. Outer sheath: special PVC.
Application. Suitable for connections in industrial automation where for long periods a heat and cold resistant and soft cable is required. Moderate resistance to common oils. Flame resistance grade: self-extinguishing. The cables with class 6 conductors have a good behaviour in mobile laying. Limited resistance to abrasion.
Max working voltage: 300 V. **Test voltage:** 1500V up to 0,25 mm², 2000 V over.

Note to table:
 (a) example: 3 = three wires; 2+1 = two wires + yellow/green earth.
 (b) colours: A = brown, blue, black, white, grey; yellow/green earth if present.
 C = according to IEC 60304 (former DIN 47100), see section "General Information".
 N = black with white numbers; yellow/green earth if present.
 (c) DIN / VDE cable construction classification.

PVC, 105°C e 90°C

Descrizione. Isolante conduttori: PVC speciale. Guaina esterna: PVC speciale.
Impiego. Adatto per collegamenti in automazione industriale dove è richiesto un cavo morbido, resistente al calore e al freddo per lunghi periodi. Moderata resistenza agli oli comuni. Grado di resistenza alla fiamma: autoestinguente. I cavi con rame classe 6 sono anche progettati per l'uso in posa mobile. Limitata resistenza all'abrasione.
Tensione massima di lavoro: 300 V. **Tensione di prova:** 1500 V fino a 0,25 mm², 2000 V oltre.

Note alla tabella:
 (a) esempio: 3 = tre conduttori; 2+1 = due conduttori + terra giallo/verde.
 (b) colori: A = marrone, blu, nero, bianco, grigio; terra giallo/verde se presente.
 C = secondo IEC 60304 (ex DIN 47100), vedere sezione "Informazioni Generali".
 N = nero con numeri bianchi; terra giallo/verde se presente.
 (c) classificazione DIN / VDE della costruzione del cavo.

| Formation Formazione | Descriptive code Codice descrittivo | Short code Codice breve | Refer. or style Rifer. o style | Sheath colour Colore guaina | Wires colour Colore cond. | Copper class Classe rame | Static application Applicazione statica | Dynamic application Applicazione dinamica | Note Nota |
|-------------------------|--|----------------------------|-----------------------------------|--------------------------------|------------------------------|-----------------------------|--|--|--------------|
| n x mm ² (a) | | | (c) | RAL | (b) | IEC 60228 | °C | °C | |
| MN-FKG | | | | | | | | | |
| 0,25 | 3x0,25 | MN-FKG2-03XC5 | | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 4x0,25 | MN-FKG2-04XC5 | | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 10x0,25 | MN-FKG2-10XC5 | | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 18x0,25 | MN-FKG2-18XC5 | 216 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 25x0,25 | MN-FKG2-25XC5 | 220 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| 0,34 | 3x0,34 | MN-FKG3-03XC5 | 305 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 4x0,34 | MN-FKG3-04XC5 | 306 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 12x0,34 | MN-FKG3-12XC5 | 323 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 18x0,34 | MN-FKG3-18XC5 | 329 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 25x0,34 | MN-FKG3-25XC5 | 330 | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| 0,50 | 3x0,50 | MN-FKG4-03XC5 | | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 4x0,50 | MN-FKG4-04XC5 | | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 12x0,50 | MN-FKG4-12XC5 | 41C | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 18x0,50 | MN-FKG4-18XC5 | 42C | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| | 25x0,50 | MN-FKG4-25XC5 | 43C | LiYYW | gy 7001 | C | 5 | -25...+105 | |
| MN-GE9 | | | | | | | | | |
| 0,14 | 2x0,14 | MN-GE91-02XA5 | 107 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 3x0,14 | MN-GE91-03XA5 | 108 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 4x0,14 | MN-GE91-04XA5 | 104 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| 0,25 | 2x0,25 | MN-GE92-02XA5 | 209 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 3x0,25 | MN-GE92-03XA5 | 205 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 4x0,25 | MN-GE92-04XA5 | 206 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 5x0,25 | MN-GE92-05XA5 | 201 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 6x0,25 | MN-GE92-06XC5 | | LiFY | bk 9005 | C | 6 | -25...+90 | -15...+90 |
| | 7x0,25 | MN-GE92-07XC5 | | LiFY | bk 9005 | C | 6 | -25...+90 | -15...+90 |
| | 8x0,25 | MN-GE92-08XC5 | | LiFY | bk 9005 | C | 6 | -25...+90 | -15...+90 |
| | 2x0,34 | MN-GE93-02XA5 | | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| 0,34 | 3x0,34 | MN-GE93-03XA5 | 301 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| | 4x0,34 | MN-GE93-04XA5 | 302 | LiFY | bk 9005 | A | 6 | -25...+90 | -15...+90 |
| MN-GK9 | | | | | | | | | |
| 0,50 | 2x0,50 | MN-GK94-02XA5 | 412 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | (2+1)x0,50 | MN-GK94-03GA5 | 414 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 3x0,50 | MN-GK94-03XA5 | 411 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | (3+1)x0,50 | MN-GK94-04GA5 | | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 4x0,50 | MN-GK94-04XA5 | | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | (4+1)x0,50 | MN-GK94-05GA5 | | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 2x0,75 | MN-GK95-02XA5 | 504 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| 0,75 | (2+1)x0,75 | MN-GK95-03GA5 | 510 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 3x0,75 | MN-GK95-03XA5 | 550 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | (3+1)x0,75 | MN-GK95-04GA5 | 511 | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 4x0,75 | MN-GK95-04XA5 | | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | (4+1)x0,75 | MN-GK95-05GA5 | | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 5x0,75 | MN-GK95-05XA5 | | LiYY | bk 9005 | A | 5 | -25...+90 | |
| | 6x0,75 | MN-GK95-06XC5 | | LiYY | bk 9005 | C | 5 | -25...+90 | |
| | (6+1)x0,75 | MN-GK95-07GN5 | | LiYY | bk 9005 | N | 5 | -25...+90 | |
| | 7x0,75 | MN-GK95-07XC5 | | LiYY | bk 9005 | C | 5 | -25...+90 | |
| | 8x0,75 | MN-GK95-08XC5 | | LiYY | bk 9005 | C | 5 | -25...+90 | |
| | (9+1)x0,75 | MN-GK95-10GN5 | | LiYY | bk 9005 | N | 5 | -25...+90 | |
| | 10x0,75 | MN-GK95-10XC5 | | LiYY | bk 9005 | C | 5 | -25...+90 | |
| (11+1)x0,75 | MN-GK95-12GN5 | | LiYY | bk 9005 | N | 5 | -25...+90 | | |
| 12x0,75 | MN-GK95-12XC5 | | LiYY | bk 9005 | C | 5 | -25...+90 | | |

| Formation Formazione | Descriptive code Codice descrittivo | Short code Codice breve | Refer. or style Rifer. o style | Sheath colour Colore guaina | Wires colour Colore cond. | Copper class Classe rame | Static application Applicazione statica | Dynamic application Applicazione dinamica | Note Nota |
|-------------------------|--|----------------------------|-----------------------------------|--------------------------------|------------------------------|-----------------------------|--|--|-----------|
| n x mm ² (a) | | | (c) | RAL | (b) | IEC 60228 | °C | °C | |
| 0,75 | 14x0,75 | MN-GK95-14XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (15+1)x0,75 | MN-GK95-16GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 16x0,75 | MN-GK95-16XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (17+1)x0,75 | MN-GK95-18GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 18x0,75 | MN-GK95-18XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | 20x0,75 | MN-GK95-20XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| 1,00 | 2x1,00 | MN-GK96-02XA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | (2+1)x1,00 | MN-GK96-03GA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | 3x1,00 | MN-GK96-03XA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | (3+1)x1,00 | MN-GK96-04GA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | 4x1,00 | MN-GK96-04XA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | (4+1)x1,00 | MN-GK96-05GA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | 5x1,00 | MN-GK96-05XA5 | LIYY | bk 9005 | A | 5 | -25...+90 | | |
| | 6x1,00 | MN-GK96-06XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (6+1)x1,00 | MN-GK96-07GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 7x1,00 | MN-GK96-07XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | 8x1,00 | MN-GK96-08XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (9+1)x1,00 | MN-GK96-10GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 10x1,00 | MN-GK96-10XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (11+1)x1,00 | MN-GK96-12GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 12x1,00 | MN-GK96-12XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | 14x1,00 | MN-GK96-14XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (15+1)x1,00 | MN-GK96-16GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 16x1,00 | MN-GK96-16XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | (17+1)x1,00 | MN-GK96-18GN5 | LIYY | bk 9005 | N | 5 | -25...+90 | | |
| | 18x1,00 | MN-GK96-18XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |
| | 20x1,00 | MN-GK96-20XC5 | LIYY | bk 9005 | C | 5 | -25...+90 | | |