



## Novoflex NCY-2 Plus

Shielded (EMC) motor cable 0,6/1 kV

### Specification

|  |   |
|--|---|
| <b>STANDARD</b>                        | VDE 0295, 0250, IEC 60228   |
| <b>APPROVALS</b>                       | EN 55011  |
| <b>RATED VOLTAGE UO/U</b>              | 0,6/1kV   |
| <b>CONDUCTOR CLASS</b>                 | Class 5 = fine stranded wires   |
| <b>CONDUCTOR MATERIAL</b>              | Copper  |
| <b>CORE INSULATION</b>                 | PE  |
| <b>CORE IDENTIFICATION</b>             | Black, Brown, Grey and Green/Yellow   |
| <b>PROTECTIVE CONDUCTOR</b>            | Yellow/Green  |
| <b>OVERALL SHIELD</b>                  | Aluminum foil and braided tinned copper wire  |
| <b>OUTER SHEATH</b>                    | PVC   |
| <b>SHEATH COLOUR</b>                   | Transparent   |
| <b>BENDING RADIUS FIXED</b>            | 5 x cable diameter at the outer $\varnothing$ <12 mm, 7,5 x cable diameter at the outer $\varnothing$ 12-20mm, 10 x cable diameter at the outer $\varnothing$ >20mm |
| <b>BENDING RADIUS MOVED</b>            | 10 x cable diameter at outer $\varnothing$ <12mm, 15 x cable diameter at outer $\varnothing$ 12-20mm, 20 x cable diameter at the outer $\varnothing$ >20mm          |
| <b>MIN OPERATING TEMPERATURE FIXED</b> | -40°C   |
| <b>MAX OPERATING TEMPERATURE FIXED</b> | +70°C   |
| <b>MIN OPERATING TEMPERATURE MOVED</b> | -5°C  |
| <b>MAX OPERATING TEMPERATURE MOVED</b> | +70°C   |

TESTING VOLTAGE 4000V

FLAME RETARDANT IEC 60332-1

## Variants

| E-NUMBER | DIMENSION N X MM <sup>2</sup> | OUTER DIAMETER MM | WEIGHT KG/100M |
|----------|-------------------------------|-------------------|----------------|
| 0547000  | 4G1,5                         | 10.4              | 21.7           |
| 0547010  | 4G2,5                         | 12.1              | 24.2           |
| 0547020  | 4G4                           | 14.5              | 33             |
| 0547030  | 4G6                           | 16.4              | 42.5           |
| 0547040  | 4G10                          | 19.3              | 63.5           |
| 0547050  | 4G16                          | 21.9              | 91.7           |
| 0547060  | 4G25                          | 26.6              | 132.8          |
| 0547070  | 4G35                          | 29.9              | 178.5          |
| 0547080  | 4G50                          | 35                | 241.7          |
| 0547090  | 4G70                          | 39.4              | 329.8          |
| 0547100  | 4G95                          | 46                | 460            |
| 0547110  | 4G120                         | 51.9              | 660            |
| 0547120  | 4G150                         | 57.5              | 759            |
| N7729840 | 4G185                         | 61.1              | 942            |
| N7729940 | 4G240,0                       | 69                | 1215           |