

CONTROL AND CONNECTION CABLES

GAALFLEX® CONTROL 500 P orange

PUR control cable with coloured cores, 300/500 V

ELETTROTEK KABEL® GAALFLEX® CONTROL 500 P orange



Construction:

| | |
|----------------------|--|
| Conductor: | flexible red copper conductor Cl.5, acc.to IEC 60228, DIN VDE 0295 |
| Insulation: | PVC type T12 |
| Colour cores: | acc. to DIN VDE 0293-308, HD 308 S2, green-yellow earth-wire from 3 cores |
| Stranding: | in layers |
| Outer sheath: | orange (RAL 2003) PUR type TMPU |

Resistance:



Oil resistance:
DIN VDE 0473 part 811-2-1
IEC EN 60811-2-1

Technical data:

| | |
|-------------------------------|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Test voltage: | 3 kV acc.to DIN VDE 0281 part 2 + HD 21.2 |
| Temperature range | |
| <i>Fixed laying:</i> | -40°C up to +70°C |
| <i>Flexible installation:</i> | -5°C up to +70°C |
| Min. bending radius | |
| <i>Fixed laying:</i> | 4 x d |
| <i>Flexible installation:</i> | 6 x d |

Features:

abrasion resistant
notch resistant
acc.to DIN VDE 0250
good against acids, alkalines, solvents,hydraulic liquids etc.
RoHS and CE approval



| Part no. | No.of cores x cross section n x mm ² | Outer-Ø ca.mm ± 10% | Copper weight kg/km | Cable weight approx. kg/km | AWG no.*) |
|----------------|---|---------------------------|---------------------------|----------------------------------|--------------|
| 31070DG3020M07 | 2 x 0,75 | 5,7 | 14,4 | 39 | 19 |
| 31070DG2031M07 | 3 G 0,75 | 5,9 | 21,6 | 51 | 19 |
| 31070DG2041M07 | 4 G 0,75 | 6,4 | 28,8 | 62 | 19 |
| 31070DG2051M07 | 5 G 0,75 | 7 | 36 | 75 | 19 |
| 31070DG3020M10 | 2 x 1 | 5,9 | 19,2 | 44 | 18 |
| 31070DG2031M10 | 3 G 1 | 6,1 | 28,8 | 59 | 18 |
| 31070DG2041M10 | 4 G 1 | 6,6 | 38,4 | 72 | 18 |
| 31070DG2051M10 | 5 G 1 | 7,3 | 48 | 87 | 18 |
| 31070DG3020M15 | 2 x 1,5 | 6,5 | 28,8 | 56 | 16 |
| 31070DG2031M15 | 3 G 1,5 | 6,8 | 43,2 | 76 | 16 |
| 31070DG2041M15 | 4 G 1,5 | 7,4 | 57,6 | 94 | 16 |
| 31070DG2051M15 | 5 G 1,5 | 8,1 | 72 | 115 | 16 |
| 31070DG3020M25 | 2 x 2,5 | 7,7 | 48 | 83 | 14 |
| 31070DG2031M25 | 3 G 2,5 | 8,1 | 72 | 115 | 14 |
| 31070DG2041M25 | 4 G 2,5 | 8,8 | 96 | 144 | 14 |
| 31070DG2051M25 | 5 G 2,5 | 10,1 | 120 | 184 | 14 |

Other dimension and colours available on request.