

INDUSTRIAL LOW VOLTAGE CABLES

SG-Flex (H01N2-D)



CE

ELETTROTEK KABEL® SG-Flex H01N2-D

Construction:

- Conductor:** flexible red copper conductor Cl.6, acc.to IEC 60228
- Outer sheath:** black (RAL 9005), rubber, type EM5, for the other coloration, see technical data (PAG.428)

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
EN 60332-1-2



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

Technical data:

- Nominal voltage:** 100/100 V
- Test voltage:** 1 kV
- Temperature range**
- Fixed laying:* - 40°C / +85°C
- Flexible application:* - 25°C / +85°C
- Max short circuit temperature:** + 250 °C
- Min. bending radius:** 8 x d

Features:

wires for arc welding, electrode holders for use with portable 100 V

| 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. *) |
|----------------|--|----------------------------|---------------------------|----------------------------------|---------------|
| 31390B01010M61 | 1x10 | 8,7 | 96 | 135 | 8 |
| 31390B01010M62 | 1x16 | 9,9 | 154 | 198 | 6 |
| 31390B01010M63 | 1x25 | 11,4 | 240 | 285 | 4 |
| 31390B01010M64 | 1x35 | 12,8 | 336 | 385 | 2 |
| 31390B01010M65 | 1x50 | 14,85 | 480 | 550 | 0 |
| 31390B01010M66 | 1x70 | 17,25 | 672 | 750 | 2/0 |
| 31390B01010M67 | 1x95 | 19,25 | 912 | 1015 | 3/0 |
| 31390B01010M68 | 1x120 | 21,6 | 1152 | 1250 | 4/0 |
| 31390B01010M69 | 1x150 | 23,75 | 1440 | 1540 | 250 MCM |
| 31390B01010M70 | 1x185 | 26 | 1776 | 1800 | 350 MCM |

Other dimensions and colours available on request.