

ÖLFLEX® SMART 108

Cost-effective VDE-registered PVC control cable

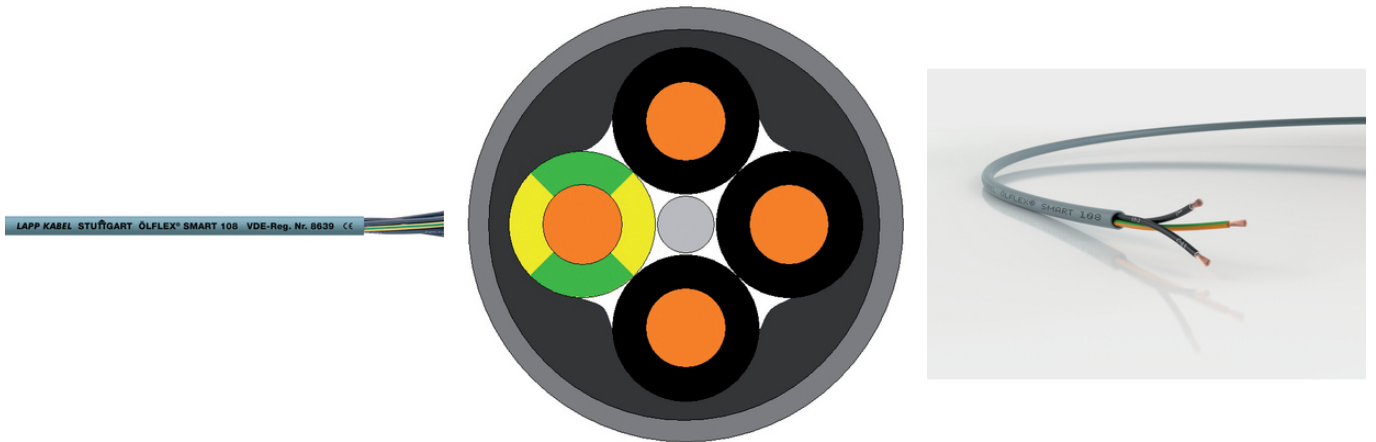
ÖLFLEX® SMART 108 - VDE-registered PVC control cable, flexible and numbered for various applications, 300/500V, also for YSLY or YY

Info

CPR: Article number choice under www.lappkabel.com/cpr

VDE certificate of conformity with
factory surveillance

Only available in standard lengths and standard packagings



Good chemical resistance

Benefits

SMART: good price/performance ratio – the ÖLFLEX® SMART 108 has everything a flexible control cable needs

SMART: environmentally friendly – internal sheath layer made from recycled PVC with the same high quality of the TM2 model

Application range

For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Dry or damp rooms that are subject to medium mechanical loads

Main dimensions available, further dimensions see ÖLFLEX® CLASSIC 110

For extended applications and individual lengths, see ÖLFLEX® CLASSIC 110

Product features

Flame-retardant according IEC 60332-1-2

Good chemical resistance, see catalogue appendix T1

Oil resistance: see data sheet

Norm references / Approvals

VDE reg. no. 8639

Last Update (25.01.2026)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ÖLFLEX® SMART 108

Product Make-up

Fine-wire strand made of bare copper wires
PVC insulation, T12
Two-layer PVC outer sheath, TM2; outside silvergrey

Technical Data

| | |
|---------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable |
| Core identification code: | Black with white numbers acc. to VDE 0293-334 |
| Conductor stranding: | Fine wire according to DIN EN 60228 (VDE 0295), class 5 / IEC 60228 class 5 |
| Minimum bending radius: | Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 4000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C |

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Standard packaging: ring = RG, drum = DR

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

ÖLFLEX® SMART 108

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 17520099 | 2 X 0.5 | 4.8 | 9.6 | 35 |
| 10030099 | 3 G 0.5 | 5.1 | 14.4 | 42 |
| 17530099 | 3 X 0.5 | 5.1 | 14.4 | 42 |
| 10040099 | 4 G 0.5 | 5.7 | 19.2 | 54 |
| 17540099 | 4 X 0.5 | 5.7 | 19.2 | 54 |
| 10050099 | 5 G 0.5 | 6.2 | 24 | 63 |
| 10070099 | 7 G 0.5 | 6.7 | 33.6 | 81 |
| 18020099 | 2 X 0.75 | 5.4 | 14.4 | 45 |
| 11030099 | 3 G 0.75 | 5.7 | 21.6 | 55 |
| 18030099 | 3 X 0.75 | 5.7 | 21.6 | 55 |
| 11040099 | 4 G 0.75 | 6.2 | 28.8 | 66 |
| 18040099 | 4 X 0.75 | 6.2 | 28.8 | 66 |
| 11050099 | 5 G 0.75 | 6.7 | 36 | 79 |
| 11070099 | 7 G 0.75 | 7.3 | 50 | 101 |
| 18520099 | 2 X 1.0 | 5.7 | 19.2 | 53 |
| 12030099 | 3 G 1.0 | 6 | 28.8 | 65 |
| 12040099 | 4 G 1.0 | 6.5 | 38.4 | 79 |
| 12050099 | 5 G 1.0 | 7.1 | 48 | 94 |
| 12070099 | 7 G 1.0 | 8 | 67 | 126 |
| 19020099 | 2 X 1.5 | 6.3 | 29 | 68 |
| 13030099 | 3 G 1.5 | 6.7 | 43 | 84 |
| 13040099 | 4 G 1.5 | 7.2 | 58 | 104 |
| 13050099 | 5 G 1.5 | 8.1 | 72 | 128 |
| 13070099 | 7 G 1.5 | 8.9 | 101 | 166 |
| 19520099 | 2 X 2.5 | 7.5 | 48 | 101 |
| 14030099 | 3 G 2.5 | 8.1 | 72 | 132 |
| 14040099 | 4 G 2.5 | 8.9 | 96 | 163 |
| 14050099 | 5 G 2.5 | 10 | 120 | 200 |
| 14070099 | 7 G 2.5 | 11.1 | 168 | 267 |

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