

## ÖLFLEX® SMART 108

Cost-effective VDE-registered PVC control cable

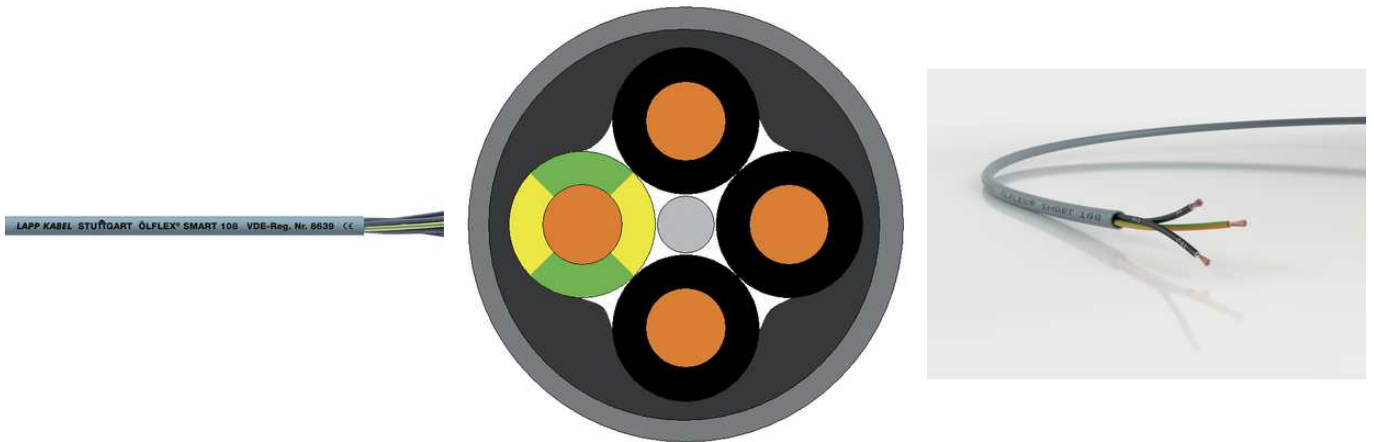
ÖLFLEX® SMART 108 - VDE-registered PVC control cable, flexible and numbered for various applications, 300/500V, also for YSLY or YY

### Info

CPR: Article number choice under [www.lappkabel.com/cpr](http://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

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Product Management [www.lappkabel.de](http://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, TI2  
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 0293-1
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 <sup>2</sup> 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	5.7	19.2	53
12030099	3 G 1	6	28.8	65
12040099	4 G 1	6.5	38.4	79
12050099	5 G 1	7.1	48	94
12070099	7 G 1	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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