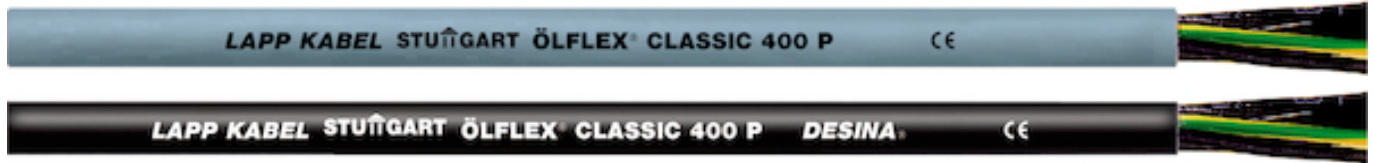


# PRODUCT INFORMATION



## ÖLFLEX® CLASSIC 400 P

Abrasion-resistant control cables with PUR sheath for increased application requirements  
Increased durability under harsh conditions thanks to robust PUR outer sheath  
Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media  
Also available as DESINA® compliant power cable with black outer sheath colour



### Info

High mechanical strength  
Good oil resistance

### Application range

Machine tools  
Industrial machinery  
Measurement, control and electrical applications  
Outdoor use is possible within the indicated operating temperature range  
Very suitable for oily wet areas within machinery and production lines that are subject to normal mechanical stress

### Design

Fine-wire strand made of bare copper wires  
Core insulation: special PVC  
Cores twisted in layers  
Special polyurethane outer sheath (PUR)  
Sheath colour: silver grey (RAL 7001)  
DESINA®-compliant: black (RAL 9005)

### Product features

High oil-resistance  
Abrasion and notch-resistant  
Low-adhesive surface  
Resistant to hydrolysis and microbes

### Remark

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

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

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil  $\leq$  30 kg or  $\leq$  250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

DESINA® is a registered trademark of the German Machine Tool Builders' Association

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

# PRODUCT INFORMATION



CABLES AND COMPONENTS  
ONLINE

## ÖLFLEX® CLASSIC 400 P

### Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293
Based on:	Based on VDE 0281 und 0282
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Flexible use: 12.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U <sub>0</sub> /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

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 400 P - sheath colour: grey				
1312802	2 X 0,5	4,8	10.0	32
1312003	3 G 0,5	5,1	15.0	43
1312803	3 X 0,5	5,1	15.0	43
1312004	4 G 0,5	5,7	19.2	50
1312804	4 X 0,5	5,7	19.2	50
1312005	5 G 0,5	6,2	24.0	59
1312805	5 X 0,5	6,2	24.0	59
1312007	7 G 0,5	6,7	34.0	73
1312807	7 X 0,5	6,7	34.0	73
1312010	10 G 0,5	8,6	48.0	109
1312012	12 G 0,5	8,9	57.6	125
1312018	18 G 0,5	10,5	87.0	180
1312025	25 G 0,5	12,4	120.0	250
1312034	34 G 0,5	14,3	164.0	333
1312041	41 G 0,5	15,7	197.0	400
1312852	2 X 0,75	5,4	14.4	41
1312103	3 G 0,75	5,7	21.6	51
1312853	3 X 0,75	5,7	21.6	51
1312104	4 G 0,75	6,2	28.8	62
1312854	4 X 0,75	6,2	28.8	62
1312105	5 G 0,75	6,7	36.0	74
1312855	5 X 0,75	6,7	36.0	74
1312107	7 G 0,75	7,3	50.0	97
1312857	7 X 0,75	7,3	50.0	97
1312110	10 G 0,75	9,6	72.0	142
1312112	12 G 0,75	9,9	86.4	163
1312118	18 G 0,75	11,7	129.6	234
1312125	25 G 0,75	13,8	180.0	324
1312134	34 G 0,75	15,9	244.8	431
1312141	41 G 0,75	17,4	295.2	529

ÖLFLEX® CLASSIC 400 P		PRODUCT INFORMATION
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Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1312902	2 X 1,0	5,7	19.2	48
1312203	3 G 1,0	6.0	28.8	61
1312903	3 X 1,0	6.0	28.8	61
1312204	4 G 1,0	6,5	38.4	74
1312904	4 X 1,0	6,5	38.4	74
1312205	5 G 1,0	7,1	48.0	89
1312905	5 X 1,0	7,1	48.0	89
1312207	7 G 1,0	8.0	67.0	116
1312210	10 G 1,0	10,2	96.0	171
1312212	12 G 1,0	10,5	115.0	197
1312218	18 G 1,0	12,7	173.0	289
1312225	25 G 1,0	14,7	240.0	412
1312234	34 G 1,0	17,1	326.4	532
1312241	41 G 1,0	18,8	393.6	638
1312952	2 X 1,5	6,3	29.0	63
1312303	3 G 1,5	6,7	43.0	79
1312953	3 X 1,5	6,7	43.0	79
1312304	4 G 1,5	7,2	58.0	98
1312954	4 X 1,5	7,2	58.0	98
1312305	5 G 1,5	8,1	72.0	121
1312955	5 X 1,5	8,1	72.0	121
1312307	7 G 1,5	8,9	101.0	159
1312957	7 X 1,5	8,9	101.0	159
1312312	12 G 1,5	12.0	173.0	268
1312318	18 G 1,5	13,4	259.5	392
1312325	25 G 1,5	16,9	360.0	531
1312334	34 G 1,5	19,4	489.6	722
1312341	41 G 1,5	21,3	590.4	867
1312403	3 G 2,5	8,1	72.0	132
1312404	4 G 2,5	8,9	96.0	163
1312405	5 G 2,5	10.0	120.0	186
1312407	7 G 2,5	11,1	168.0	267

ÖLFLEX® CLASSIC 400 P

PRODUCT INFORMATION

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1312412	12 G 2,5	14,8	288.0	445
1312504	4 G 4	10,8	154.0	237
1312505	5 G 4	12,1	192.0	291
1312507	7 G 4	13,4	269.0	391
1312604	4 G 6	13.0	230.4	327
1312605	5 G 6	14,5	288.0	424
1312607	7 G 6	16.0	403.0	580
1312614	4 G 10	16,2	384.0	567
1312615	5 G 10	18,1	480.0	695
1312617	7 G 10	20.0	672.0	937
1312624	4 G 16	18,8	614.4	1064
ÖLFLEX® CLASSIC 400 P DESINA - sheath colour: black				
1312970	4 G 1,5	7,2	58.0	98
1312981	7 G 1,5	8,8	101.0	159
1312983	11 G 1,5	11,6	158.0	228
1312973	4 G 2,5	8,9	96.0	163
1312974	4 G 4	10,8	154.0	237
1312975	4 G 6	13.0	230.4	350
1312976	4 G 10	16,2	384.0	567
1312978	4 G 25	23,5	960.0	1582

<b>PRODUCT INFORMATION</b> <b>ÖLFLEX® CLASSIC 400 P</b>
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