

ÖLFLEX® CLASSIC 400 P

Abrasion- and oil-resistant control cable with PUR sheath for increased application requirements

ÖLFLEX® 400 P - PUR control cable for oil-, notch- and abrasion resistant application in industrial machinery, appliances, instrumentation, control and automation.

Info

High mechanical strength

Good oil resistance

The classic for multi-functional use



Oil-resistant



Mechanical resistance

Benefits

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

Compatible with a multitude of acidic cleaning and disinfection solutions

Also available as DESINA® compliant power cable with black outer sheath colour

Application range

Industrial machinery and machine tools

Measurement, control and electrical applications

Food production and packaging machinery

Very suitable for oily wet areas within machinery and production lines that are subject to normal mechanical stress

Under consideration of the temperature range also suitable for outdoor use

Product features

High oil-resistance

Abrasion and notch-resistant

Low-adhesive surface

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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® CLASSIC 400 P

Resistant to hydrolysis and microbes

Norm references / Approvals

Based on VDE 0285

Certified resistance to disinfection and cleaning solutions used in food and beverage industry

Product Make-up

Fine-wire, bare copper conductor

Core insulation: special PVC

Cores twisted in layers

Special polyurethane outer sheath (PUR)

Sheath colour: Grey (similar RAL 7001)

DESINA®: black (similar RAL 9005)

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 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:	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.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 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 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.

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
ÖLFLEX® CLASSIC 400 P - sheath colour: grey			
1312802	2 X 0.5	4.8	10
1312003	3 G 0.5	5.1	15
1312803	3 X 0.5	5.1	15
1312004	4 G 0.5	5.7	19.2
1312804	4 X 0.5	5.7	19.2
1312005	5 G 0.5	6.2	24
1312805	5 X 0.5	6.2	24
1312007	7 G 0.5	6.7	34
1312807	7 X 0.5	6.7	34
1312010	10 G 0.5	8.6	48
1312012	12 G 0.5	8.9	57.6
1312018	18 G 0.5	10.5	87
1312025	25 G 0.5	12.4	120
1312034	34 G 0.5	14.3	164
1312041	41 G 0.5	15.7	197
1312852	2 X 0.75	5.4	14.4
1312103	3 G 0.75	5.7	21.6
1312853	3 X 0.75	5.7	21.6
1312104	4 G 0.75	6.2	28.8
1312854	4 X 0.75	6.2	28.8
1312105	5 G 0.75	6.7	36
1312855	5 X 0.75	6.7	36
1312107	7 G 0.75	7.3	50
1312857	7 X 0.75	7.3	50
1312110	10 G 0.75	9.6	72
1312112	12 G 0.75	9.9	86.4
1312118	18 G 0.75	11.7	129.6
1312125	25 G 0.75	13.8	180
1312134	34 G 0.75	15.9	244.8
1312141	41 G 0.75	17.4	295.2
1312902	2 X 1.0	5.7	19.2
1312203	3 G 1.0	6	28.8
1312903	3 X 1.0	6	28.8

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
1312204	4 G 1.0	6.5	38.4
1312904	4 X 1.0	6.5	38.4
1312205	5 G 1.0	7.1	48
1312905	5 X 1.0	7.1	48
1312207	7 G 1.0	8	67
1312210	10 G 1.0	10.2	96
1312212	12 G 1.0	10.5	115
1312218	18 G 1.0	12.7	173
1312225	25 G 1.0	14.7	240
1312234	34 G 1.0	17.1	326.4
1312241	41 G 1.0	18.8	393.6
1312952	2 X 1.5	6.3	29
1312303	3 G 1.5	6.7	43
1312953	3 X 1.5	6.7	43
1312304	4 G 1.5	7.2	58
1312954	4 X 1.5	7.2	58
1312305	5 G 1.5	8.1	72
1312955	5 X 1.5	8.1	72
1312307	7 G 1.5	8.9	101
1312957	7 X 1.5	8.9	101
1312312	12 G 1.5	12	173
1312318	18 G 1.5	13.4	259.5
1312325	25 G 1.5	16.9	360
1312334	34 G 1.5	19.4	489.6
1312341	41 G 1.5	21.3	590.4
1312403	3 G 2.5	8.1	72
1312404	4 G 2.5	8.9	96
1312405	5 G 2.5	10	120
1312407	7 G 2.5	11.1	168
1312412	12 G 2.5	14.8	288
1312504	4 G 4.0	10.8	154
1312505	5 G 4.0	12.1	192
1312507	7 G 4.0	13.4	269
1312604	4 G 6.0	13	230.4

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
1312605	5 G 6.0	14.5	288
1312607	7 G 6.0	16	403
1312614	4 G 10.0	16.2	384
1312615	5 G 10.0	18.1	480
1312617	7 G 10.0	20	672
1312624	4 G 16.0	18.8	614.4
ÖLFLEX® CLASSIC 400 P DESINA - sheath colour: black			
1312970	4 G 1.5	7.2	58
1312981	7 G 1.5	8.8	101
1312983	11 G 1.5	11.6	158
1312973	4 G 2.5	8.9	96
1312974	4 G 4.0	10.8	154
1312975	4 G 6.0	13	230.4
1312976	4 G 10.0	16.2	384
1312978	4 G 25.0	23.5	960

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