



ÖLFLEX® CHAIN 808 P

PVC-insulated, numbered, PUR sheath



Info

- Basic Line for light & ordinary duty in power chain applications

Benefits

- Good combination of quality and price
- Compact design

Application range

- Assembly lines, production lines, in all kinds of machines
- In dry, damp or wet interiors
- In power chains or moving machine parts
- Particularly in wet areas of machine tools and transfer lines
- Suitable for use in measuring, control and regulating circuits

Product features

- Low-adhesive surface
- Oil-resistant
- Designed for 1...2 million bending/unbending cycles in the power chain

Norm references / Approvals

- Based on EN 50525-2-21
- For travel distances up to 10 m.
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

Product make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC
- Cores twisted in layers
- Non-woven wrapping
- PUR outer sheath, grey (RAL 7001)

Technical data

Classification
ETIM 5.0 Class-ID: EC000104
ETIM 5.0 Class-Description: Control cable

Core identification code
Black with white numbers acc. to VDE 0293-1

Specific insulation resistance
> 20 GOhm x cm

Conductor stranding
Fine wire according to VDE 0295 Class 5 / IEC 60228 Class 5

Minimum bending radius
For flexible applications:
Chains in self supporting non-gliding arrangements: 10 x outside diameter
Chains in gliding arrangements: 12 x outside diameter
Fixed installation: 4 x outer diameter

Nominal voltage
U₀/U: 300/500 V

Test voltage
Core/core: 4000 V

Protective conductor
G = with GN-YE protective conductor
X = without protective conductor

Temperature range
Flexing: -5°C to +70°C
Fixed installation: -40°C to +80°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1027700	2 X 0.5	5.2	10.0	40
1027701	3 G 0.5	5.5	15.0	48
1027702	4 G 0.5	6.0	20.0	58
1027703	5 G 0.5	6.5	24.0	67
1027704	7 G 0.5	7.7	34.0	88
1027705	12 G 0.5	9.2	58.0	136
1027706	18 G 0.5	11.0	87.0	195
1027707	25 G 0.5	13.3	120.0	274
1027708	2 X 0.75	5.6	15.0	49
1027709	3 G 0.75	6.0	22.0	60
1027710	4 G 0.75	6.5	29.0	73
1027711	5 G 0.75	7.1	37.0	86
1027712	7 G 0.75	8.5	51.0	117
1027713	12 G 0.75	10.3	87.0	181
1027714	18 G 0.75	12.2	130.0	259
1027715	25 G 0.75	14.8	181.0	363
1027716	2 X 1.0	5.9	19.0	58
1027717	3 G 1.0	6.3	29.0	72

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1027718	4 G 1.0	6.9	39.0	88
1027719	5 G 1.0	7.5	48.0	104
1027720	7 G 1.0	9.0	67.0	142
1027721	12 G 1.0	10.9	115.0	221
1027722	18 G 1.0	13.2	173.0	324
1027723	25 G 1.0	15.7	240.0	445
1027724	2 X 1.5	6.5	29.0	74
1027725	3 G 1.5	6.9	43.2	93
1027726	4 G 1.5	7.6	58.0	114
1027727	5 G 1.5	8.5	72.0	139
1027728	7 G 1.5	10.3	101.0	189
1027729	12 G 1.5	12.3	173.0	295
1027730	18 G 1.5	14.9	259.0	429
1027731	25 G 1.5	17.9	360.0	597
1027732	3 G 2.5	8.4	72.0	145
1027733	4 G 2.5	9.3	96.0	179
1027734	7 G 2.5	12.7	168.0	218
1027737	4 G 4	11.1	160.0	266

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

Similar products

- ÖLFLEX® CLASSIC FD 810 P refer to page 118

Accessories

- SILVYN® CHAIN cable protection and guiding systems

ÖLFLEX®
 UNITRONIC®
 ETHERLINE®
 HITRONIC®
 EPIC®
 SKINTOP®
 SILVYN®
 FLEXIMARK®
 ACCESSORIES
 APPENDIX