

Flexible Energiezuleitung für
Fahrzeuge

Flexible power cables for
automotive

FL42X

-40°C bis/up to +125°C/3000h



LEITER:

Cu-ETP1 – A019 – P gem. EN 13602
Feindrähtiger Leiter
Kupfer blank gem. ISO 6722-1

ISOLIERUNG:

Polyolefin - Copolymer vernetzt
Isolierung gem. ISO 6722-1 Klasse C

HERSTELLERKENNZEICHNUNG:

DRAKA DE

BESONDERE EIGENSCHAFTEN:

- Flexible Energiezuleitung

LIEFERART:

- auf Spulen

BEISPIEL FÜR BESTELLBEZEICHNUNG:

FL42X 16/0,20 GN

BEMERKUNGEN:

Ausführung für Betriebsspannungen bis 600V
gem. ISO 6722 optional erhältlich
Entspricht der 2000/53/CE und 2011/65/UE RoHS
Europäischen Richtlinie

CONDUCTOR:

Cu-ETP1 - A019/A020 – P acc. to EN 13602
Fine wire conductor
copper bare acc. to ISO 6722-1

INSULATION:

Polyolefin copolymer cross-linked
Insulation acc. to ISO 6722-1 class C

MANUFACTURER IDENTIFICATION:

DRAKA DE

SPECIAL PROPERTIES:

- Flexible power cable

FORM OF DELIVERY:

- on reels

EXAMPLE FOR ORDER IDENTIFICATION:

FL42X 16/0,20 GN

REMARKS:

Optional type for system voltage up to 600V
acc. to ISO 6722 available
In conformity with 2000/53/CE and 2011/65/UE RoHS
European Directives

Technical data

| Leiter/Conductor | | | | | Leitung/Cable | | | |
|--------------------------|---------------------------|-----------------------------|------------------|------------------------|------------------------------|------------------|------------|-------------------|
| Nenn- querschnitt | Anzahl Einzeldrähte | Durchmesser Einzeldrähte | Durch- messer | Widerstand bei 20°C | Isolierung Wanddicke | Außendurchmesser | | Gewicht ca. |
| Nominal cross-section | Number of single wires | Diameter of single wires | Diameter | Resistance at 20°C | Insulation wall thickness | Outside diameter | | Weight approx. |
| mm ² | | max. mm | max. mm | max. mΩ/m | min. mm | min. mm | max. mm | kg/km |
| 10 | 320 | 0,21 | 4,60 | 1,820 | 0,80 | 6,1 | 6,5 | 104,70 |
| 16 | 497 | 0,21 | 6,30 | 1,160 | 0,80 | 7,7 | 8,1 | 169,00 |
| 25 | 770 | 0,21 | 7,80 | 0,743 | 1,04 | 9,2 | 9,8 | 251,20 |
| 35 | 1088 | 0,21 | 9,00 | 0,527 | 1,04 | 10,1 | 10,7 | 340,70 |
| 50 | 1568 | 0,21 | 10,50 | 0,368 | 1,20 | 12,0 | 12,8 | 472,40 |
| 70 | 2176 | 0,21 | 12,50 | 0,259 | 1,20 | 14,0 | 15,0 | 682,00 |
| 95 | 2912 | 0,21 | 14,00 | 0,196 | 1,28 | 16,2 | 17,2 | 903,20 |
| 120 | 3648 | 0,21 | 16,50 | 0,152 | 1,28 | 17,9 | 19,1 | 1.153,30 |
| 150 | 4200 | 0,21 | 17,00 | 0,129 | 1,28 | 18,8 | 20,0 | 1.350,50 |

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