

50m cable ring PUR 16x0.34+3x0.75 GY hf

shielded, signals two-colored, drag chain

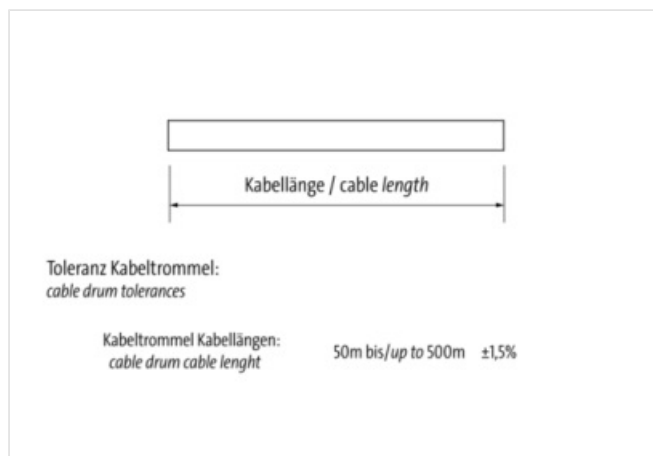
Art.No.: 8000-00000-4015000

Weight: 9.630 kg

Country of origin: IT

Model designation: MVZ-L 50m 401

8-way distribution boxes M12, shielded

16× 0.34 + 3× 0.75 mm²**Link to Product****Illustration**

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/8000-00000-4015000
GTIN	4048879057110
Customs tariff number	85444995
ECLASS-6.0	27062011
ECLASS-6.1	27061801
ECLASS-7.0	27061801
ECLASS-7.1	27061801
ECLASS-8.0	27061801
ECLASS-8.1	27061801
ECLASS-9.0	27061801
ECLASS-9.1	27061801
ECLASS-10.0.1	27061801
ECLASS-10.1	27061801
ECLASS-11.0	27061801
ECLASS-11.1	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801
ECLASS-14.0	27061801
ETIM-5.0	EC001578

ETIM-6.0	EC001578
customs tariff number	85444995
EAN	4048879057110
Packaging unit	1

Mechanical data | Mounting data

Cable length	50 m
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Installation | Cable

Stranding	1 × 3 wires stranded
Stranding (type 2)	1 × 16 wires stranded around stranding combination
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece
Wire arrangement	(BN, BU, GNYE), GYPK, VT, BNGY, BK, GYWH, RD, BNYE, PK, YEWH, GY, BNGN, YE, GNWH, GN, RDBU, WH
Shield	shielded
Electrical function wire	Signal
Material wire insulation	PP
Amount wires	16
Outer diameter insulation	1.3 mm ± 0.05 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	42 × 0.1 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Electrical function wire (type 2)	Power
Material wire insulation (type 2)	PP
Amount wires (type 2)	3
Outer diameter wire insulation (type 2)	2.6 mm ± 0.1 mm
Conductor crosssection (wire type 2)	0,75 mm²
Material conductor wire (type 2)	Stranded copper wire, bare
Core construction (wire type 2)	96 × 0.1 mm
Ingredient freeness wire insulation (type 2)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free
Material jacket	PUR
Outer-diameter (jacket)	11.7 mm ± 5 %
Jacket Color	gray / RAL 7040
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Conductor resistance (wire)	53 Ω/km @ 20 °C
Conductor resistance (wire type 2)	26 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Withstand voltage (wire - shield)	2 kV @ 60 s
Current load capacity max. (wire)	4 A
Current load capacity max. Wire (type 2)	12 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C ... 90 °C
Operating temperature (dynamic)	-40 °C ... 90 °C
Operating temperature (drag chain)	-40 °C ... 90 °C
Flame resistance	IEC 60332-1-2, IEC 60332-2-2, UL 1581 § 1090, CSA FT2
Oil resistance	ISO 19642-3
Chemical resistance	ISO 19642-3

Other resistances	resistance to gasoline (ISO 19642-3), resistant to mineral oils, greases, machine and gear oils and cooling lubricants, resistant to hydrolysis, resistant to microbes
Notes	application-related testing
Bending radius (fixed)	10 × Outer diameter
Bending radius (dynamic)	12 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	1.8 m @ 25 °C horizontal
Travel speed (C-track)	2 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C

Connection type 1

Family construction form	free cable end
No. of poles	19
Color contact carrier	gray