

Cast resin straight-through joint

for mining industry, gas stations, refineries

Universally suitable for connecting polymeric cables or conductors insulated with PVC, PE, XLPE and EPR (e.g. N(A)YY, NYM, TT). With hydrolysis resistance PUR cast resin UG. Suitable for compression or screw connectors on copper and aluminium conductors.



Product description

Article name	M 3 UG
Article number	124348
Notes	Armour continuity kit for armoured cable available on request.  REACH Regulation on the restriction of diisocyanates (for EU countries only)The European Commission amended Annex XVII of the REACH Regulation (EC) (new number 74) with Regulation (EU) 2020/1149, which entered into force on 24 August 2020. In accordance with the new REACH Regulation, appropriate training will be required prior to the industrial or professional use of diisocyanates, adhesives and sealants as of 24 August 2023. All information regarding training materials and training courses is available on the ISOPA/ALIPA website <a href="https://www.safeusediisocyanates.eu/">https://www.safeusediisocyanates.eu/</a>
Optional accessory	Cleaner UNIVERSAL CLEANER 121 (see Accessories) Shield continuity wire SVL (see Accessories) Connectors (see Connecting technology)

Characteristics
Compact dimensions
Splice area visible before casting
High-quality transparent shockproof plastic shell
Resistant to chemical agents
Stabilized against UV rays
Resistant to alkaline earth elements
Longitudinally and transversely watertight
High electrical insulating values
High mechanical and thermal strength
Ready for immediate operation
Quick, safe and easy assembly

Applications
Indoor
Outdoor
Underground
Water
Installation ducts

## Technical data

Article name	M 3 UG
Article number	124348
Voltage levels	U0/U (Um) 0,6/1 (1,2) kV
Test standards	DIN VDE 0472-804
	DIN VDE 0472-813
	DIN VDE 0472-814
	DIN VDE 0278-631-1
Length L	355 m
Height H	80 mm
Diameter D	70 mm
Nominal cross section Polymeric cable unarmoured per conductor 1x max	400 mm <sup>2</sup>
Nominal cross section Polymeric cable unarmoured per conductor 2x max	120 mm <sup>2</sup>
Nominal cross section Polymeric cable unarmoured per conductor 3x max	95 mm <sup>2</sup>
Nominal cross section Polymeric cable unarmoured per conductor 4x max	70 mm <sup>2</sup>
Nominal cross section Polymeric cable unarmoured per conductor 5x max	50 mm <sup>2</sup>
Diameter cable max	42 mm
Nominal cross section Polymeric cable with concentric conductor per conductor 3x max	50 mm <sup>2</sup>
Nominal cross section Polymeric cable with concentric conductor per conductor 4x max	50 mm <sup>2</sup>
Nominal cross section Polymeric cable armoured per conductor mm <sup>2</sup> 3x	50 mm <sup>2</sup>
Nominal cross section Polymeric cable armoured per conductor 4x min	35 mm <sup>2</sup>
Nominal cross section Polymeric cable armoured per conductor 4x max	50 mm <sup>2</sup>
Control and signal cable 0,75 mm <sup>2</sup> Number of conductors	200 Pieces
Control and signal cable 1,5 mm <sup>2</sup> Number of conductors	133 Pieces
Control and signal cable 0,4 mm Number of wire pairs min	300 Pieces
Control and signal cable 0,4 mm Number of wire pairs max	300 Pieces
Control and signal cable 0,6 mm Number of wire pairs min	150 Pieces
Control and signal cable 0,6 mm Number of wire pairs max	150 Pieces
Control and signal cable 0,8 mm Number of wire pairs min	100 Pieces
Control and signal cable 0,8 mm Number of wire pairs max	120 Pieces

## Logistics data

Article name	M 3 UG
Article number	124348
Delivery scope	Fill and air-release funnel
	Hydrolysis resistance PUR type UG cast resin
	Packed in practical and easy-to-use two-chamber bags
	Transparent plastic shell
	PVC insulation tape
	Protective gloves
	Assembly instructions
Shelf life	24 Month
Storage temperatur max	35 °C
Storage temperatur min	15 °C
Country of origin	Germany
Customs tariff number	39095090
EAN/GTIN	4010311002644

## Packaging data

Alternative unit of measure	Case	Pal. EU
Base quantity	1	70
Base unit of measure	Piece	Piece
Lenght (mm)	422	1200
Width (mm)	236	800
Height (mm)	90	1130
Net weight (kg)	1.885	131.95
Gross weight (kg)	1.885	160.95