



## MZ

# Cast resin straight-through joint

for control cables and signal cables

Universally suitable for connecting control cables and signal cables or as a cable sheath repair protection joint. Suitable for compression connectors.

### Characteristics

- Compact dimensions
- Splice area visible before casting
- High-quality transparent shockproof plastic shell
- Large filler aperture to facilitate casting
- Resistant to chemical agents
- Resistant to alkaline earth elements
- Stabilized against UV rays
- Longitudinally and transversely watertight
- High electrical insulating values
- High mechanical strength
- Ready for immediate operation
- Quick and easy assembly saves time and reduces costs

### Application/Suitability

- Indoor
- Outdoor
- Underground
- Water
- Installation ducts

### Voltage level

- $U_0/U_m$  0.6/1 (1.2) kV

### Test standards

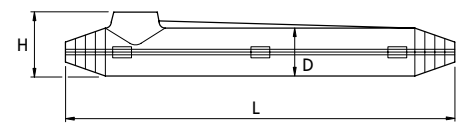
- DIN EN 50393 (corresponds to VDE 0278)

### Storage conditions/Shelf life

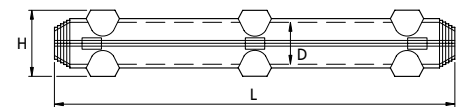
- Cast resin up to 40 months



### Dimensions



MZ 00 - MZ 0



MZ 1 - MZ 3

### Scope of delivery

Cover, hydrolysis resistance PUR type EG cast resin (containing the correct volume ready for mixing), packed in practical and easy-to-use two-chamber bags, transparent plastic shell, spacer mesh, fill and air-release funnels, PVC insulation tape, protective gloves, assembly instructions

Optional accessory: Shield continuity wire SVL (see Accessories)  
 Compression connectors (see Connecting technology)  
 Cleaner UNIVERSAL CLEANER 121 (see Accessories)

Type	L mm	D mm	H mm	max. Cable-Ø mm	Control and signal cable					Art.-No.
					0.4 mm	0.6 mm	0.8 mm	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	
					Number of wire pairs			Number of conductors		
MZ 00	180	23	35	20	10 - 15	5 - 10	5 - 10	7	5	124505
MZ 0	250	35	55	32	15 - 30	10 - 20	10 - 20	15	10	124506
MZ 1	400	33	57	30	30 - 60	20 - 50	20 - 40	30	20	124510
MZ 2	500	41	67	40	70 - 100	60 - 100	50 - 70	50	40	124513
MZ 3	600	51	78	50	150 - 200	150 - 250	100 - 150	60	50	124511

Shield continuity wire SVL required for telecommunication cables.