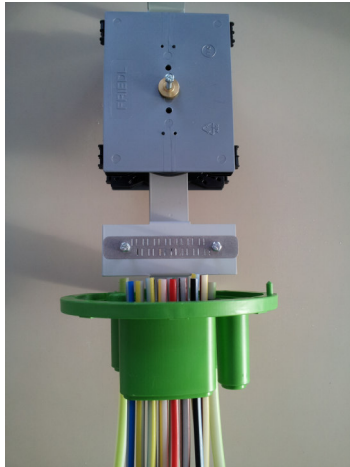


## FRIEDL FDM 3 FO Mikro Closure



## Microduct Version



Type	Description	Art. Nr.
FDM 3 FO Microduct	4 x 12 mm + 14 x 7mm microducts with ~0,5m installed max 9 cassettes, Acc. 2 x 12 spliceholders (crimp- or shrink splice protection)	FDM 3 FO Mikro

Description	Technical Data	
<p><b>Application:</b> The Closure type FDM 3 FO Mikro has been designed especially for the jointing of optical transmission and FTTH cables. Because of the pre installed microduct entries, the closure is suitable for microduct based CATV or FTTH networks. The closure is suitable for underground-, duct-, wall- and pole mounting.</p> <p><b>Design:</b> <b>FDM 3 FO Mikro</b> consists of a base plate with pre installed microduct entries and the cassette-bracket, a closure body and needed accessories. Maximum 9 cassettes with 2 x 12 splice holders each, can be mounted. Below the cassettes, there is storage space for tube reserves. Cable entries through 4 x 12mm and 14 x 7 mm ducts. The closed spare entry is optional for std. cables from Ø 10 – 25 mm. The microduct entries can be used for cables from Ø 4.0 – 9 mm. All duct entries are sealed with EPDM elements – usable for inline and branch-applications. Kevlar and central strength elements can be fixed on the holder plates mounted on the cassette-bracket.</p> <p>The Splices are protected with the closure dome, the sealing ring is on the base plate. The body will be fixed with NIRO screws. The Closure is reopen- and close-able without changing the sealing ring. The cassette bracket includes the possibility to store spare-lengths of fibers and the design of the cassettes guarantee the bending radius of fibers. Installation of FDM 3 FO MIKRO do not need special tools and trainings (Installation skills of FO Applications necessary). Closure Body with valve upon request.</p> <p><b>Materials:</b> The base plate and the dome are made of environmentally friendly, UV-resistant polypropylene characterised by high mechanical strength and low water vapour permeation. The microduct pipes are made of high quality HD-PE. The cassette-bracket is made of steel plate and all screws are NIRO – A2.</p>	<b>Capacity - Cases</b>	max. 9 Splice trays IEC60-793-1
	<b>Cable entries</b>	4 microducts ø 12 mm 14 microducts ø 7 mm 1 entry ø 8 – 25 mm (shrink)
	<b>Splice tray cap.</b>	alternative 2x12 crimp or 2x12 shrink
	<b>Tested acc. to</b>	VAEE 35298 – FDM 3 Mikro ISO 9001, CE
	<b>Temperature change</b>	-40° C to + 70° C, 10 times
	<b>Storage in water</b>	24 hours (Netwet)
	<b>External pressure resistants</b>	IP 68
	<b>Water vapour permeation</b>	<240 µg/h at 10° C