Micro Connector Metal-Free



DESCRIPTION

Make connections between MicroDucts quickly and easily without the need for tools. Transparent design affords greater control when connecting MicroDucts and enables visual confirmation of the presence of a cable. Available with pre- installed safety clips. Totally metal-free design. Different products for DB and for DI applications.

APPLICATION

For use with MicroDucts in direct-buried or sub-duct applications.

MAIN CHARACTERICTICS

Material

Body: Clear Polyamide (PA)
Spring material: Polyacetal
Seal: Nitrile rubber (NBR)
Locking clip: Polyacetal

Temperature

Working: -20°C to +50°C
Installation: -10°C to +50°C
Transport and storage: -10°C to +50°C

Pressure

Installation: 30 bar
Operation: 15 bar

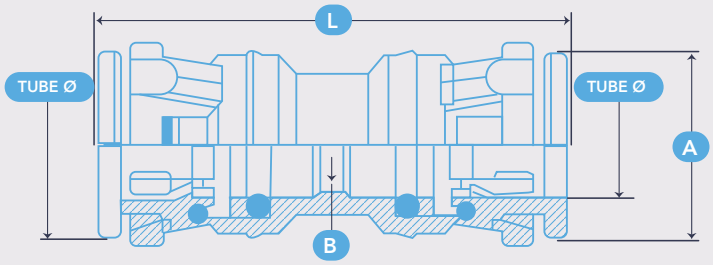
Standards

General: EN 50411-2-8
Lifetime: 3 months aging at 60 °C

Other

UV Resistant: No
Insertion force 5-10 mm: <50 N
Insertion force 12-18 mm: <120N
Operational lifetime: 25+ years
Impact resistance 3-5 mm: 0.7 joule
Impact resistance 7-10 mm: 1 joule
Impact resistance 12-18 mm: 2 joule

TECHNICAL SPECIFICATIONS



Size	A (mm)	B (mm)	L (mm)	Pull out force min (N)
5/3.5 mm	12.4±0.2	3.5±0.12	39.0±0.5	160
7/3.5 mm	16.3±0.2	3.5±0.12	41.2±0.5	350
7/4.0 mm	16.3±0.2	4.0±0.12	41.2±0.5	300
7/5.5 mm	16.3±0.2	5.5±0.12	41.2±0.5	200
8/5.0 mm	17.7±0.2	5.0±0.12	43.0±0.5	350
8/6.0 mm	17.7±0.2	6.0±0.12	43.0±0.5	300
10/5.5 mm	20.2±0.2	5.5±0.12	48.0±0.5	450
10/6 mm	20.2±0.2	6.0±0.12	48.0±0.5	600
10/8 mm	20.2±0.2	8.0±0.12	48.0±0.5	400
12/8 mm	23.0±0.2	8.0±0.12	51.7±0.5	900
12/10 mm	23.0±0.2	10.0±0.12	51.7±0.5	450
14/10 mm	25.6±0.2	10.0±0.12	59.2±0.5	900
14/12 mm	25.6±0.2	12.0±0.12	59.2±0.5	500
16/12 mm	30.0±0.2	12.0±0.12	66.0±0.5	1000

PRODUCT VARIATIONS

Material Description	Pull out force (N)	Packaging Volume (pcs)	SAP code
Micro Connector Metal-Free for 5/3.5mm	200	10	20020395
Micro Connector Metal-Free for 7/3.5mm	400	10	20020396
Micro Connector Metal-Free for 7/5.5mm	400	10	20020402
Micro Connector Metal-Free for 8/5mm	450	10	20020397
Micro Connector Metal-Free for 8/6mm	450	10	20020403
Micro Connector Metal-Free for 10/5.5mm	490	10	20020398
Micro Connector Metal-Free for 10/8mm	490	10	20020404
Micro Connector Metal-Free for 12/8mm	560	10	20020399
Micro Connector Metal-Free for 12/10mm	560	10	20020405
Micro Connector Metal-Free for 14/10mm	800	10	20020400
Micro Connector Metal-Free for 14/12mm	800	10	20020406
Micro Connector Metal-Free for 15/12mm	1380	10	20020407
Micro Connector Metal-Free for 16/12mm			20020401