

# Micro Quick-Connect Couplings

## single shut-off **Series ESMC**

**DN2.7**



- High quality couplings with smallest dimensions of brass nickel-plated
- Couplings on request also available with red or blue anodised aluminium sleeve or non-valved
- **Multiple applications in pneumatic, measure, control and regulation technique**

### Materials

- Body, sleeve, valve body, valve: MS 58 nickel-plated brass
- Spring, retaining ring: stainless steel 1.4310; balls: stainless steel 1.3541
- O-rings: NBR
- Plugs: MS 58 nickel-plated

Max. Working Pressure	Temperature	Threads	DN	Flow Capacity	One-Hand	Shut-Off	Medium	Area	
PN 35 bar	-20°C – +100°C	ISO 228 / DIN 13	2.7	165 l/min	yes	single	air a.o.	Europe	10

### Couplings with male thread

Thread	Hexagon	l	d	Thread Length	Weight/pc. g	Type No.
M 5	9	26	10	5	9	ESMC 5 A
G 1/8"	11	28	10	7	12	ESMC 18 A

### Couplings with female thread

Thread	Hexagon	l	d	Thread Length	Weight/pc. g	Type No.
M 5	9	26	10	5	10	ESMC 5 I
G 1/8"	12	28	10	7	14	ESMC 18 I

### Couplings with hose barb

Hose i.D.	l	d	Stem Length	Weight/pc. g	Type No.
3 mm	35	10	13	9	ESMC 3 T
4 mm	35	10	13	10	ESMC 4 T
5 mm	35	10	13	10	ESMC 5 T

For hose clips type ZOS (☉ page 106) or type HS (☉ page 107)

### Couplings with plastic hose connection

For Hose	Hexagon	l	d	Weight/pc. g	Type No.
3 x 4 mm	9	33	10	15	ESMC 34 TQ
3 x 5 mm	9	33	10	15	ESMC 3 TQ
4 x 6 mm	9	32	10	15	ESMC 4 TQ

### Couplings with nut and bulkhead screwing

For Hose	Hex.1	Hex.2	l	d	Thread	Thread Length	Weight/pc. g	Type No.
3 x 4 mm	12	11	45	10	M 7 x 0.5	17 mm	26	ESMC 34 TQSV
3 x 5 mm	12	11	45	10	M 7 x 0.5	17 mm	26	ESMC 35 TQSV
4 x 6 mm	12	12	45	10	M 8 x 0.5	17 mm	26	ESMC 4 TQSV

### Coupling with hose barb and bulkhead screwing

Hose i. D.	Hex.1	Hex.2	l	d	Thread	Thread Length	Weight/pc. g	Type No.
3 mm	12	11	51	10	M 7 x 0.5	17 mm	24	ESMC 3 TSV
4 mm	12	11	51	10	M 7 x 0.5	17 mm	24	ESMC 4 TSV
5 mm	12	12	51	10	M 8 x 0.5	17 mm	24	ESMC 5 TSV

Coupling System ESMC also available with double shut-off.

When ordering just add -AB to the regular Type No.i.e ESMC 5 IAB or ESMC 18 NAAB.

Surcharge for coupling

Surcharge for plugs

