

NEW!

Micro Quick Connect Couplings

Series ESMC straight-through

DN 2.7



Also in Stainless Steel
Series ESMCE
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- One-hand quick connect couplings with smallest dimensions made of brass MS 58 plain/ nickel-plated
- Straight-through passage for optimised flow capacity, particularly for water/ liquid applications
- Please connect with plug series ESMC DN 2.7 with straight-through passage (page 33)
- Suitable for low vacuum at low couple force compared to all other compatible products
- On request, couplings also available with coloured anodised aluminium sleeves
- Can be used in multiple applications in pneumatics, measure, control and regulation technology

Materials

- Body, sleeve, valve body, valve, plug: Brass MS 58 plain/ nickel-plated
- Springs, retaining ring: Stainless steel 1.4310
- Balls: Stainless steel 1.3541
- Seals: NBR (other materials on request)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of Valve	Media	Area	
PN 35 bar	-20°C – +100°C	2.7	ISO 228 / DIN 13	170 l/min	One-hand	Straight-through	Air / Others	Europe	10

Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
M 5 m	26	9	10	5	9	ESMCN 5 AO	ESMC 5 AO
G 1/8 m	28	11	10	7	12	ESMCN 18 AO	ESMC 18 AO

Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
M 5 f	26	9	10	5	10	ESMCN 5 IO	ESMC 5 IO
G 1/8 f	28	12	10	7	14	ESMCN 18 IO	ESMC 18 IO

Couplings with hose barb

Hose connection	L	D	L1	Weight	Type No. n. plated	Type No. plain
Hose i.D. 3	35	10	13	9	ESMCN 3 TO	ESMC 3 TO
Hose i.D. 4	35	10	13	10	ESMCN 4 TO	ESMC 4 TO
Hose i.D. 5	35	10	13	10	ESMCN 5 TO	ESMC 5 TO

For hose clips type ZOS (© page 130) or type HS (© page 131)

Couplings with hose squeeze nut

Hose connection	L	SW	D	Weight	Type No. n. plated	Type No. plain
Hose 3x4	33	9	10	15	ESMCN 34 TQO	ESMC 34 TQO
Hose 3x5	33	9	10	15	ESMCN 3 TQO	ESMC 3 TQO
Hose 4x6	32	9	10	15	ESMCN 4 TQO	ESMC 4 TQO

Couplings with hose squeeze nut and bulkhead screwing

Hose connect.	L	SW	D	L1	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose 3x4	45	12	10	17	11	M 7x0.5 m	26	ESMCN 34 TQSVO	ESMC 34 TQSVO
Hose 3x5	45	12	10	17	11	M 7x0.5 m	26	ESMCN 35 TQSVO	ESMC 35 TQSVO
Hose 4x6	45	12	10	17	12	M 8x0.5 m	26	ESMCN 4 TQSVO	ESMC 4 TQSVO

For hose clips type ZOS (© page 130) or type HS (© page 131)

Couplings with hose barb and bulkhead screwing

Hose connect.	L	SW	D	L1	L2	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose i.D. 3	51	12	10	13	17	11	M 7x0.5 m	24	ESMCN 3 TSVO	ESMC 3 TSVO
Hose i.D. 4	51	12	10	13	17	11	M 7x0.5 m	24	ESMCN 4 TSVO	ESMC 4 TSVO
Hose i.D. 5	51	12	10	13	17	12	M 8x0.5 m	24	ESMCN 5 TSVO	ESMC 5 TSVO

