Micro Quick Connect Couplings

Series ESMC straight-through

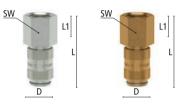
DN 2.7





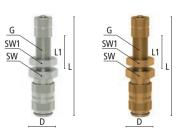
Also in Stainless Steel Series ESMCE Page 290













- 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	