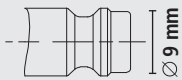


# Safety Quick Connect Couplings

## Series ESMK with Plug and Colour Coding - double shut-off

**DN 5**

Plug Profile (original size)



- One-hand quick connect couplings with reduced dimensions made of brass MS 58 plain
- Double shut-off to avoid leaking media when disconnecting
- Please note: Valve construction designed for media flow from coupling to plug
- Differently coloured anodised knurled aluminium sleeves on the coupling as well as different coloured anodized aluminium rings on the plug for visual identification of different media circuits
- Additional plug coding, to make false coupling impossible when using different media simultaneously (only couplings and plugs of the same colour can be connected)
- Attention: Couplings can be connected with straight-through plugs DN 5. However, double shut-off plugs cannot be connected with standard couplings DN 5

### Materials

- Body, valve body, valve: Brass MS 58 plain
- Sleeve: Aluminium anodized
- Springs, retaining ring: Stainless steel 1.4310
- Balls: Stainless steel 1.3541
- Seals: NBR - additional charge for EPDM (0.40 Euro) and FKM seals (0.94 Euro)
- Plug: Brass MS 58 plain with anodized aluminium ring

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of valve	Media	Area	⊕
PN 35 bar	-20°C – +100°C	5	ISO 228	310 l/min	One-hand	Double Shut-off	Div.	Europe	10

### Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No.	Type No.	Type No.	Type No.
G 1/8 m	47	14	16	7	35	ESMK 18 AABG	ESMK 18 AABBR	ESMK 18 AABBL	ESMK 18 AABR
G 1/4 m	49	17	16	9	44	ESMK 14 AABG	ESMK 14 AABBR	ESMK 14 AABBL	ESMK 14 AABR

Male thread sealing with PVC sealing ring type HPD

### Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No.	Type No.	Type No.	Type No.
G 1/8 f	47	14	16	7	40	ESMK 18 IABG	ESMK 18 IABBR	ESMK 18 IABBL	ESMK 18 IABR
G 1/4 f	49	17	16	9	46	ESMK 14 IABG	ESMK 14 IABBR	ESMK 14 IABBL	ESMK 14 IABR

### Couplings with hose barb

Hose connection	L	SW	D	L1	Weight	Type No.	Type No.	Type No.	Type No.
Hose i.D. 6	56	14	16	17	35	ESMK 6 TABG	ESMK 6 TABBR	ESMK 6 TABBL	ESMK 6 TABR
Hose i.D. 9	56	14	16	17	37	ESMK 9 TABG	ESMK 9 TABBR	ESMK 9 TABBL	ESMK 9 TABR

For hose clips type ZOS (⊕ page 130), type HS (⊕ page 131) or crimping ferrules type LPH (⊕ page 133)

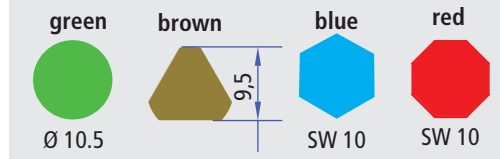


# Safety Quick Connect Couplings

double shut-off **Series ESMK**

**DN 5**

Plug and Colour Coding in original size



**Plugs with male thread**

Thread connection	L	SW	L1	Weight	Type No.	Type No.	Type No.	Type No.
G 1/8 m	39	17	7	15	ESMK 18 NAABG	ESMK 18 NAABBR	ESMK 18 NAABBL	ESMK 18 NAABR
G 1/4 m	41	17	9	25	ESMK 14 NAABG	ESMK 14 NAABBR	ESMK 14 NAABBL	ESMK 14 NAABR

Male thread sealing with PVC sealing ring type HPD



**Plugs with female thread**

Thread connection	L	SW	L1	Weight	Type No.	Type No.	Type No.	Type No.
G 1/8 f	38	17	5	15	ESMK 18 NIABG	ESMK 18 NIABBR	ESMK 18 NIABBL	ESMK 18 NIABR
G 1/4 f	40	17	7	25	ESMK 14 NIABG	ESMK 14 NIABBR	ESMK 14 NIABBL	ESMK 14 NIABR



**Plugs with hose barb**

Hose connection	L	D	L1	Weight	Type No.	Type No.	Type No.	Type No.
Hose i.D. 6	47	15	17	12	ESMK 6 SABG	ESMK 6 SABBR	ESMK 6 SABBL	ESMK 6 SABR
Hose i.D. 9	47	15	17	15	ESMK 9 SABG	ESMK 9 SABBR	ESMK 9 SABBL	ESMK 9 SABR

For hose clips type ZOS (© page 130), type HS (© page 131) or crimping ferrules type LPH (© page 133)



**Bulkhead plugs**

Hose connection	L	SW	L1	L2	SW1	G	Weight	Type No.	Type No.
Hose i.D. 6	63	17	17	14	17	M 12x1 m	40	ESMK 6 SSVABG	ESMK 6 SSVABBR
Hose i.D. 6	63	17	17	14	17	M 12x1 m	40	ESMK 6 SSVABBL	ESMK 6 SSVABR

