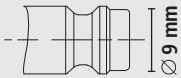


# Safety Quick Connect Couplings

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

**DN 5**

Plug Profile (original size)



- One-hand quick connect couplings with reduced dimensions made of brass MS 58 plain
- 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)

### Materials

- Body, valve body: 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	430 l/min	One-hand	Single 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 AG	ESMK 18 ABR	ESMK 18 ABL	ESMK 18 AR
G 1/4 m	49	17	16	9	44	ESMK 14 AG	ESMK 14 ABR	ESMK 14 ABL	ESMK 14 AR

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 IG	ESMK 18 IBR	ESMK 18 IBL	ESMK 18 IR
G 1/4 f	49	17	16	9	46	ESMK 14 IG	ESMK 14 IBR	ESMK 14 IBL	ESMK 14 IR

### 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 TG	ESMK 6 TBR	ESMK 6 TBL	ESMK 6 TR
Hose i.D. 9	56	14	16	17	37	ESMK 9 TG	ESMK 9 TBR	ESMK 9 TBL	ESMK 9 TR

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

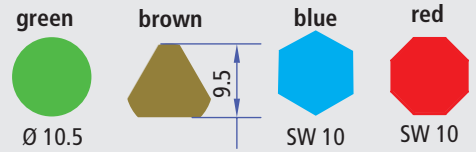


# Safety Quick Connect Couplings

single 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 NAG	ESMK 18 NABR	ESMK 18 NABL	ESMK 18 NAR
G 1/4 m	41	17	9	25	ESMK 14 NAG	ESMK 14 NABR	ESMK 14 NABL	ESMK 14 NAR

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 NIG	ESMK 18 NIBR	ESMK 18 NIBL	ESMK 18 NIR
G 1/4 f	40	17	7	25	ESMK 14 NIG	ESMK 14 NIBR	ESMK 14 NIBL	ESMK 14 NIR



## 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 SG	ESMK 6 SBR	ESMK 6 SBL	ESMK 6 SR
Hose i.D. 9	47	15	17	15	ESMK 9 SG	ESMK 9 SBR	ESMK 9 SBL	ESMK 9 SR

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 SSVG	ESMK 6 SSVBR
Hose i.D. 6	63	17	17	14	17	M 12x1 m	40	ESMK 6 SSVBL	ESMK 6 SSVR

