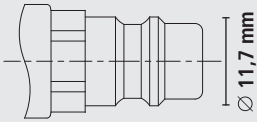


Safety Industrial Quick Connect Couplings

Series ESIK with Sleeve Lock Mechanism and Plug Coding - single shut-off

DN 7.8

Plug Profile (original size)



- Top-quality, extreme robust one-hand quick connect couplings with high-class sealing made of brass MS 58 nickel-plated
- Simple and effective protection against accidental disconnection through tightening the locking nut (disconnecting is only possible through loosening the locking nut)
- Plug coding: prevents twisting of coded plug in coupling
- Very high flow rates with low pressure drop due to patented OptiFlow by LÜDECKE® valve technology
- For compressed air or liquid media, e.g. for sewer cleaning and reconstruction

Materials

- Body, valve body: Brass MS 58 nickel-plated
- Sleeve, plug: Hardened steel nickel-plated
- Locking nut: Brass MS 58 black galvanized
- Springs: Stainless steel 1.4310
- Valve: Brass MS 58 plain
- Balls: Stainless steel 1.4034
- Seals: NBR (other materials on request)

| Max. Working Pressure | Temperature | DN | Thread | Flow Rate | Operation | Type of valve | Media | Area | 5 |
|-----------------------|----------------|-----|-----------------------|------------|-----------|-----------------|------------|-----------|---|
| PN 35 bar | -20°C – +100°C | 7,8 | ISO 228/ DIN EN 10226 | 2000 l/min | One-hand | Single Shut-off | Air/Others | Worldwide | 5 |

Couplings with tapered male thread (thread coated)

| Thread connection | L | SW | D | L1 | Weight | Type No. |
|-------------------|----|----|----|----|--------|-----------|
| R 1/4 m | 64 | 19 | 24 | 11 | 119 | ESIK 14 A |
| R 3/8 m | 64 | 19 | 24 | 12 | 118 | ESIK 38 A |
| R 1/2 m | 67 | 22 | 24 | 15 | 135 | ESIK 12 A |

Couplings with female thread

| Thread connection | L | SW | D | L1 | Weight | Type No. |
|-------------------|----|----|----|----|--------|-----------|
| G 1/4 f | 61 | 19 | 24 | 10 | 122 | ESIK 14 I |
| G 3/8 f | 61 | 19 | 24 | 10 | 113 | ESIK 38 I |
| G 1/2 f | 63 | 24 | 24 | 12 | 133 | ESIK 12 I |

Couplings with hose barb

| Hose connection | L | SW | D | L1 | Weight | Type No. |
|-----------------|----|----|----|----|--------|-----------|
| Hose i.D. 6 | 87 | 19 | 24 | 35 | 115 | ESIK 6 T |
| Hose i.D. 8 | 87 | 19 | 24 | 35 | 117 | ESIK 8 T |
| Hose i.D. 9 | 87 | 19 | 24 | 35 | 118 | ESIK 9 T |
| Hose i.D. 10 | 87 | 19 | 24 | 35 | 119 | ESIK 10 T |
| Hose i.D. 13 | 87 | 19 | 24 | 35 | 122 | ESIK 13 T |

For hose clips type ZOS (© Page 110) or type HS (© Page 111) or crimping ferrules type LPH (© Page 113)

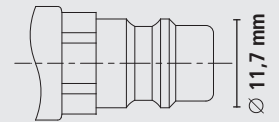


Safety Industrial Quick Connect Couplings

with Sleeve Lock Mechanism and Plug Coding - single shut-off **Series ESIK**

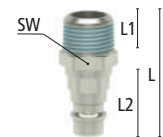
DN 7.8

Plug Profile (original size)



Plugs with male thread (thread coated) and plug coding

| Thread connection | L | SW | L1 | L2 | Weight | Type No. |
|-------------------|----|----|----|----|--------|--------------|
| R 1/4 m | 39 | 17 | 11 | 23 | 26 | ESIK 14 NARS |
| R 3/8 m | 40 | 17 | 12 | 23 | 28 | ESIK 38 NARS |
| R 1/2 m | 43 | 22 | 15 | 23 | 44 | ESIK 12 NARS |



Plugs with female thread and plug coding

| Thread connection | L | SW | L1 | L2 | Weight | Type No. |
|-------------------|----|----|----|----|--------|-------------|
| G 1/4 f | 35 | 17 | 10 | 23 | 25 | ESIK 14 NIS |
| G 3/8 f | 35 | 19 | 10 | 23 | 25 | ESIK 38 NIS |
| G 1/2 f | 38 | 24 | 12 | 23 | 41 | ESIK 12 NIS |



Plugs with hose barb and plug coding

| Hose connection | L | D | L1 | L2 | Weight | Type No. |
|-----------------|----|------|----|----|--------|------------|
| Hose i.D. 6 | 60 | 18.5 | 35 | 23 | 21 | ESIK 6 SS |
| Hose i.D. 8 | 60 | 18.5 | 35 | 23 | 23 | ESIK 8 SS |
| Hose i.D. 9 | 60 | 18.5 | 35 | 23 | 24 | ESIK 9 SS |
| Hose i.D. 10 | 60 | 18.5 | 35 | 23 | 25 | ESIK 10 SS |
| Hose i.D. 13 | 60 | 18.5 | 35 | 23 | 28 | ESIK 13 SS |

For hose clips type ZOS (© Page 110) or type HS (© Page 111) or crimping ferrules type LPH (© Page 113)

