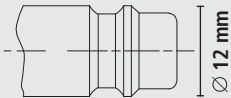


# Industrial Quick Connect Couplings

## Series ESIE double shut-off

**DN 7.8**

Plug Profile (original size)



- Top-quality, extreme robust one-hand quick connect couplings with high-class sealing made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Double shut-off to avoid leaking media when disconnecting
- Please note: Valve construction designed for media flow from coupling to plug
- Collar version: protection for valve body
- High flow rates with low pressure drop due to patented OptiFlow by **LUDECKE**® valve technology
- Suitable for low vacuum at low couple force compared to all other compatible products
- **Several fields of application, above all for liquid media in plant construction, measure, control and regulation technology, pharmacy, medical technology, chemical industry, food industry as well as for increased purity and hygiene regulations**
- Also interchangeable with plug profile ESE DN 7.2

### Materials

- Body, sleeve, valve body, valve, plug: Stainless Steel 1.4305
- Springs: Stainless Steel 1.4310
- Balls: Stainless Steel 1.4034
- Seals: FKM (EPDM, FFKM on request)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of valve	Media	Area	
PN 35 bar	-20°C – +200°C*	7.8	ISO 228	670 l/min	One-hand	Double shut-off	Different	Europe	Coupl. 1/ Plug 5

### Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 m	57.5	19	23.5	9	97	ESIE 14 AAB
G 3/8 m	58.5	19	23.5	10	101	ESIE 38 AAB
G 1/2 m	60.5	24	23.5	12	130	ESIE 12 AAB

### Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 f	57.5	19	23.5	10	106	ESIE 14 IAB
G 3/8 f	57.5	19	23.5	10	100	ESIE 38 IAB
G 1/2 f	59.5	24	23.5	12	133	ESIE 12 IAB

### Plugs with hose stem

Hose connection	L	SW	D	L1	Weight	Type No.
Hose i.D. 6	73.5	19	23.5	25	97	ESIE 6 TAB
Hose i.D. 8	73.5	19	23.5	25	98	ESIE 8 TAB
Hose i.D. 9	73.5	19	23.5	25	99	ESIE 9 TAB
Hose i.D. 10	73.5	19	23.5	25	99	ESIE 10 TAB
Hose i.D. 13	73.5	19	23.5	25	101	ESIE 13 TAB

For hose clips type HSE (© page 357)

### Plugs with parallel male thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 m	43	22	9	20	52	ESE 14 NAAB
G 3/8 m	45	22	10	20	55	ESE 38 NAAB
G 1/2 m	47	24	12	20	62	ESE 12 NAAB

### Plugs with parallel female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 f	44	22	10.5	20	55	ESE 14 NIAB
G 3/8 f	44	22	10.5	20	55	ESE 38 NIAB
G 1/2 f	45.5	24	12	20	62	ESE 12 NIAB

### Plugs with hose stem

Hose connection	L	SW	L1	L2	Weight	Type No.
Hose i.D. 6	54	22	25	20	55	ESE 6 SAB
Hose i.D. 8	54	22	25	20	55	ESE 8 SAB
Hose i.D. 9	54	22	25	20	55	ESE 9 SAB
Hose i.D. 10	54	22	25	20	56	ESE 10 SAB
Hose i.D. 13	54	22	25	20	57	ESE 13 SAB

For hose clips type HSE (© page 357)

\*subject to media and sealing materials

