

Industrial Quick Connect Couplings

straight-through Series ESIE

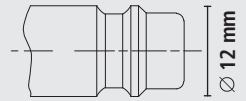
- Top-quality, extreme robust one-hand quick connect couplings with high-class sealing made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Straight-through passage for optimised flow capacity, particularly for water/ liquid applications
- Please connect with plug series ESIE DN 7.8 (page 301) or series ESE DN 7.2 (page 297) with straight-through passage
- 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**

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)

DN 7.8

Plug Profile (original size)



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	2800 l/min	One-hand	Straight-through	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 AO
G 3/8 m	58.5	19	23.5	10	101	ESIE 38 AO
G 1/2 m	60.5	24	23.5	12	130	ESIE 12 AO

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 IO
G 3/8 f	57.5	19	23.5	10	100	ESIE 38 IO
G 1/2 f	59.5	24	23.5	12	133	ESIE 12 IO

Couplings 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 TO
Hose i.D. 8	73.5	19	23.5	25	98	ESIE 8 TO
Hose i.D. 9	73.5	19	23.5	25	99	ESIE 9 TO
Hose i.D. 10	73.5	19	23.5	25	99	ESIE 10 TO
Hose i.D. 13	73.5	19	23.5	25	101	ESIE 13 TO

For hose clips type HSE (© page 357)

*subject to media and sealing materials

