

Industrial Quick Connect Couplings

single shut-off 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)
- 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

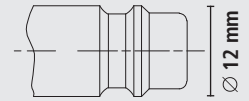
Materials

- 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	2000 l/min	One-hand	Single shut-off	Different	Europe	Coupl. 1/ Plug 5

DN 7.8

Plug Profile (original size)



NEW!

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 A
G 3/8 m	58.5	19	23.5	10	101	ESIE 38 A
G 1/2 m	60.5	24	23.5	12	130	ESIE 12 A

NEW!

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

NEW!

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

For hose clips type HSE (© page 357)

Plugs with male thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 m	33	17	9	20	22	ESE 14 NA
G 3/8 m	33	19	9	20	25	ESE 38 NA
G 1/2 m	37	24	12	20	45	ESE 12 NA

Plugs with female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 f	32	17	10	20	20	ESE 14 NI
G 3/8 f	32	19	10	20	25	ESE 38 NI
G 1/2 f	35	24	12	20	36	ESE 12 N

Plugs with hose stem

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 6	46	12	25	20	13	ESE 6 S
Hose i.D. 8	46	12	25	20	15	ESE 8 S
Hose i.D. 9	46	12	25	20	14	ESE 9 S
Hose i.D. 10	46	12	25	20	17	ESE 10 S
Hose i.D. 13	46	12	25	20	24	ESE 13 S

For hose clips type HSE (© page 357)

*subject to media and sealing materials



Opti
Flow
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