

Breathing Air Couplings

with Two-Hand Operation Safety Mechanism - single shut-off Series ESI2A

- High-quality, extremely robust quick connect coupling with superior seal characteristic
- High flow rates at a low pressure drop through a streamlined valve
- To disconnect the plug has to be pushed into the coupling, only then the disconnect protection safety functions, therefore effective protection to avoid accidental disconnection
- Special constructions, e.g. straight-through or double shut-off on request
- Coupling "ESI1A" combinable with plug "ESI2A", plug "ESI1A" not combinable with coupling "ESI2A"

Material

- Body, sleeve, valve body, valve, plug: Brass MS 58 nickel-plated
- O-ring: Buna N
- Springs: Stainless steel 1.4310
- Balls: Stainless steel 1.4034

Max. Working Pressure	Temperature	DN	Thread	Flow Capacity	Operation	Type of valve	Media	Area	
PN 35 bar	-20°C – +100°C	7.4	ISO 228 / DIN 2999	1800 l/min	Two-hand	Single shut-off	compressed air	Europe	Coupl. 5 / Plug 10

Couplings with tapered male thread (thread coated) – long version

Thread connection	L	SW	D	L1	Weight	Type No.
R 1/4 m	64	19	23	11	114	ESI2A 14 A
R 3/8 m	65	19	23	12	117	ESI2A 38 A
R 1/2 m	68	22	23	15	144	ESI2A 12 A

Couplings with parallel female thread – long version

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 f	60	19	23	10	118	ESI2A 14 I
G 3/8 f	60	19	23	10	111	ESI2A 38 I
G 1/2 f	62	24	23	12	146	ESI2A 12 I

Couplings with hose barb – long version

Hose connection	L	SW	D	L1	Weight	Type No.
SLW 6	77	19	23	25	108	ESI2A 6 T
SLW 8	77	19	23	25	110	ESI2A 8 T
SLW 9	77	19	23	25	108	ESI2A 9 T
SLW 10	77	19	23	25	112	ESI2A 10 T
SLW 13	77	19	23	25	118	ESI2A 13 T

For hose clips type ZOS (☺ page 414), type HS (☺ page 415) or crimping ferrules type LPH (☺ page 418)

Plugs with tapered male thread (thread coated) – long version

Thread connection	L	SW	L1	L2	Weight	Type No.
R 1/4 m	40	14	11	25	24	ESI2A 14 NA
R 3/8 m	42	17	12	25	29	ESI2A 38 NA
R 1/2 m	45	22	15	25	62	ESI2A 12 NA

Plugs with parallel female thread – long version

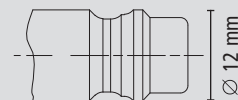
Thread connection	L	SW	L2	L2	Weight	Type No.
G 1/4 f	38	17	10	25	29	ESI2A 14 NI
G 3/8 f	38	19	10	25	29	ESI2A 38 NI
G 1/2 f	40	24	12	25	44	ESI2A 12 NI

Plugs with hose barb – long version

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 6	51	12	25	25	17	ESI2A 6 S
Hose i.D. 8	51	12	25	25	19	ESI2A 8 S
Hose i.D. 9	51	12	25	25	19	ESI2A 9 S
Hose i.D. 10	51	12	25	25	22	ESI2A 10 S
Hose i.D. 13	53	15	25	25	30	ESI2A 13 S

Versions in stainless steel 1.4305 on request.

DN7.4



Plug Profile (original size)

According to
DIN EN 14594

