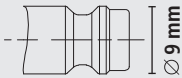


Mini Quick Connect Couplings

Series ESMLA dripless

DN 5

Plug Profile (original size)



- One-hand quick connect couplings with reduced dimensions made of brass MS 58 plain/ nickel-plated
- Robust, safe and reliable
- No loss of liquid (liquid film, no drops) when disconnecting
- **Please connect with shut-off plugs**
- **Numerous applications, especially for liquid media in plant construction, measurement and control technology and in the area of electrical components and circuit boards**

Materials

- Body, sleeve, valve body, valve, plug: Brass MS 58 plain/ nickel-plated
- Springs, retaining ring: Stainless Steel 1.4310
- Balls: Stainless Steel 1.3541
- Seals: NBR (EPDM and FKM on request)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of valve	Media	Area	
PN 8 bar	-20°C – +100°C	5	ISO 228	On request	One-hand	Dripless	Liquid media	Europe	10

Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No. n.plated	Type No. plain
G 1/8 m	37	14	16	7	27	ESMNLA 18 A	ESMLA 18 A
G 1/4 m	38	17	16	9	36	ESMNLA 14 A	ESMLA 14 A
G 3/8 m	38	19	16	9	43	ESMNLA 38 A	ESMLA 38 A

Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No. n.plated	Type No. plain
G 1/8 f	37	14	16	9	32	ESMNLA 18 I	ESMLA 18 I
G 1/4 f	38	17	16	9	38	ESMNLA 14 I	ESMLA 14 I
G 3/8 f	39.5	19	16	10.5	39	ESMNLA 38 I	ESMLA 38 I

Couplings with hose stem

Hose connection	L	SW	D	L1	Weight	Type No. n.plated	Type No. plain
Hose i.D. 4	46	14	16	17	27	ESMNLA 4 T	ESMLA 4 T
Hose i.D. 5	46	14	16	17	27	ESMNLA 5 T	ESMLA 5 T
Hose i.D. 6	46	14	16	17	27	ESMNLA 6 T	ESMLA 6 T
Hose i.D. 8	46	14	16	17	29	ESMNLA 8 T	ESMLA 8 T
Hose i.D. 9	46	14	16	17	29	ESMNLA 9 T	ESMLA 9 T

For hose clips type ZOS (© page 398), type HS (© page 399) or crimping ferrules type LPH (© page 401)

Couplings with squeeze nut

Hose connection	L	SW	D	SW1	Weight	Type No. n.plated	Type No. plain
Hose 4x6	43	14	16	12	32	ESMNLA 4 TQ	ESMLA 4 TQ
Hose 6x8	43	14	16	14	34	ESMNLA 6 TQ	ESMLA 6 TQ

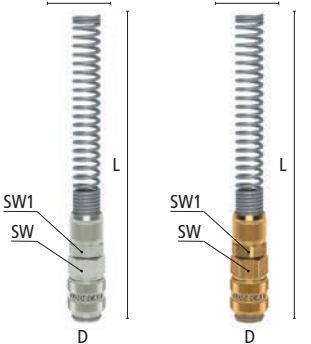
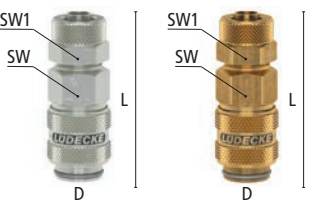
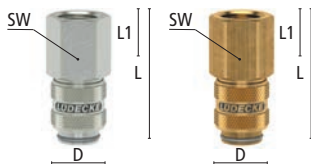
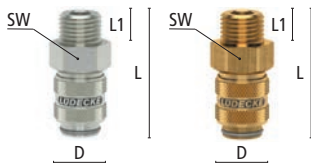
Couplings with squeeze nut and bulkhead screwing

Hose connection	L	SW	D	SW1	Weight	Type No. n.plated	Type No. plain
Hose 4x6	122	14	16	12	47	ESMNLA 4 TQF	ESMLA 4 TQF
Hose 6x8	130	14	16	14	56	ESMNLA 6 TQF	ESMLA 6 TQF

Couplings with bulkhead screwing

Hose connection	L	SW	D	L1	L2	SW1	G	Weight	Type No. n.plated	Type No. plain
Hose i.D. 4	60	14	16	17	14	14	M 10x1 m	40	ESMNLA 4 TSV	ESMLA 4 TSV
Hose i.D. 6	60	17	16	17	14	17	M 12x1 m	45	ESMNLA 6 TSV	ESMLA 6 TSV
Hose i.D. 9	60	17	16	17	14	19	M 12x1 m	47	ESMNLA 9 TSV	ESMLA 9 TSV

For hose clips type ZOS (© page 398), type HS (© page 399) or crimping ferrules type LPH (© page 401)

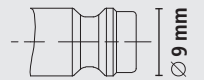


Mini Quick Connect Couplings

dripless **Series ESMLA**

DN 5

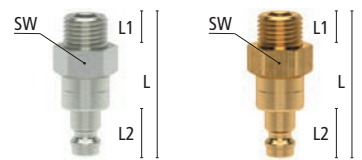
Plug Profile (original size)



Plugs with male thread

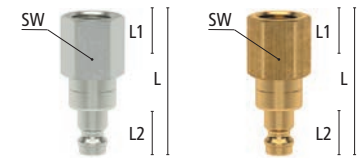
Thread connection	L	SW	L1	L2	Weight	Type No. n.plated	Type No. plain
G 1/8 m	40	13	7	14	26	ESMN 18 NAAB	ESM 18 NAAB
G 1/4 m	42	17	9	14	35	ESMN 14 NAAB	ESM 14 NAAB
G 3/8 m	42	19	9	14	42	ESMN 38 NAAB	ESM 38 NAAB
M 10x1 m	40	14	7	14	25	ESMN 101 NAAB	ESM 101 NAAB
M 12x1.5 m	44	17	10	14	35	ESMN 121 NAAB	ESM 121 NAAB
M 14x1.5 m	44	17	10	14	36	ESMN 141 NAAB	ESM 141 NAAB

Male thread sealing with PVC sealing ring type HPD (☺ page 212)



Plugs with female thread

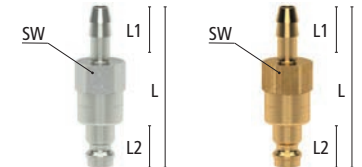
Thread connection	L	SW	L1	L2	Weight	Type No. n.plated	Type No. plain
G 1/8 f	42	13	9	14	28	ESMN 18 NIAB	ESM 18 NIAB
G 1/4 f	42	17	10	14	38	ESMN 14 NIAB	ESM 14 NIAB
G 3/8 f	43.5	19	10.5	14	38	ESMN 38 NIAB	ESM 38 NIAB
M 10x1 f	42	14	9	14	28	ESMN 101 NIAB	ESM 101 NIAB
M 12x1.5 f	42	17	9	14	37	ESMN 121 NIAB	ESM 121 NIAB
M 14x1.5 f	42	17	9	14	38	ESMN 141 NIAB	ESM 141 NIAB



Plugs with hose stem

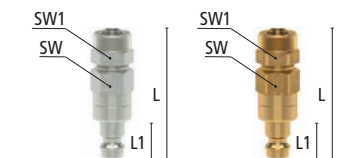
Hose connection	L	SW	L1	L2	Weight	Type No. n.plated	Type No. plain
Hose i.D. 4	50	14	17	14	23	ESMN 4 SAB	ESM 4 SAB
Hose i.D. 6	50	14	17	14	23	ESMN 6 SAB	ESM 6 SAB
Hose i.D. 8	50	14	17	14	25	ESMN 8 SAB	ESM 8 SAB
Hose i.D. 9	50	14	17	14	25	ESMN 9 SAB	ESM 9 SAB

For hose clips type ZOS (☺ page 398), type HS (☺ page 399) or crimping ferrules type LPH (☺ page 401)



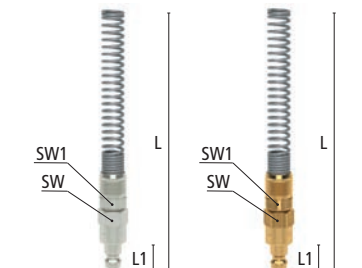
Plugs with squeeze nut

Hose connection	L	SW	L1	SW1	Weight	Type No. n.plated	Type No. plain
Hose 4x6	47	14	14	12	32	ESMN 4 SQAB	ESM 4 SQAB
Hose 6x8	47	14	14	14	32	ESMN 6 SQAB	ESM 6 SQAB



Plugs with squeeze nut and bulkhead screwing

Hose connection	L	SW	L1	SW1	Weight	Type No. n.plated	Type No. plain
Hose 4x6	135	14	14	12	40	ESMN 4 SQFAB	ESM 4 SQFAB
Hose 6x8	135	14	14	14	42	ESMN 6 SQFAB	ESM 6 SQFAB



Plugs with bulkhead screwing

Hose connection	L	SW	L2	L3	SW1	G	Weight	Type No. n.plated	Type No. plain
Hose i.D. 4	64	14	14	17	14	M 10x1 m	45	ESMN 4 SSVAB	ESM 4 SSVAB
Hose i.D. 6	64	14	14	17	17	M 12x1 m	45	ESMN 6 SSVAB	ESM 6 SSVAB
Hose i.D. 9	64	14	14	17	19	M 12x1 m	45	ESMN 9 SSVAB	ESM 9 SSVAB

For hose clips type ZOS (☺ page 398), type HS (☺ page 399) or crimping ferrules type LPH (☺ page 401)

