

1. Thread manufactured without seam => High tightness, long term stability
2. Hexagon manufactured according to DIN
3. Tube strain does not exceed 6% => Molecular structure of the flexible tube is preserved
4. Thread manufactured according to DIN, USAS or JIS => Various connection options
5. Connecting sleeve manufactured without seam => High tightness, long term stability
6. Connector available in PA, PP, PVDF => High media resistance

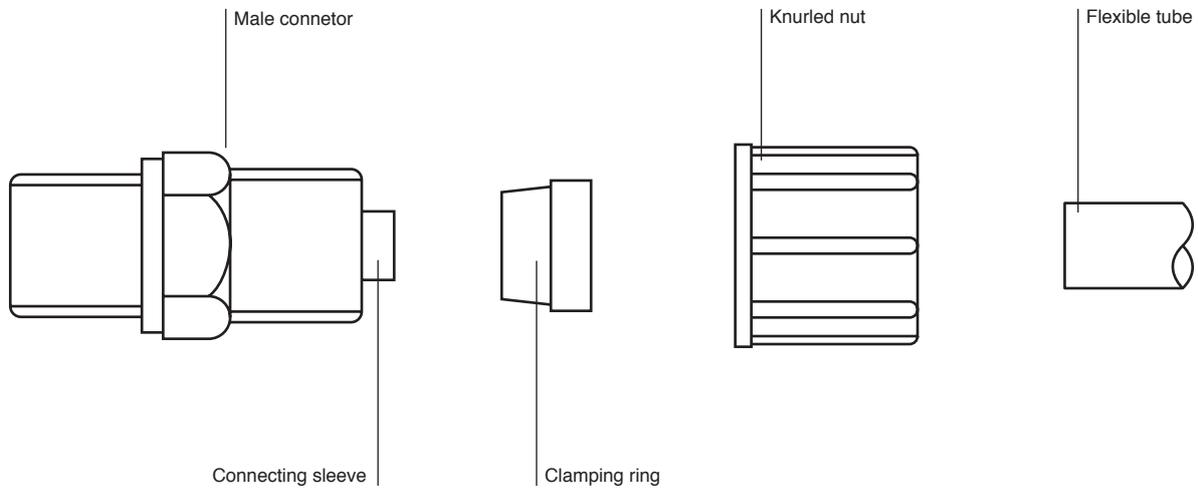
The connection principle used in Series 1A entails pushing the flexible tube onto an integrated connecting sleeve. The flexible tube is secured in place by a clamping ring, which is forced against the flexible tube by a knurled nut. The connecting sleeve for the flexible tube is nearly cylindrical. Its dimensions are calculated to prevent tube strain of more than 6% even with poor tolerances.

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Connection Principle 1A

The tension produced by the low tube strain is sufficient, however, to guarantee a tight tube connection up to 6 bar. Clamping ring and knurled nut secure the connection against longitudinal forces which could otherwise pull the flexible tube off the sleeve. The clamping ring is also designed to secure the flexible tube in place by intercepting any shear or torsional stresses. This ensures the utilization up to 10 bar*. Thanks to its elasticity, the clamping ring can be used several times in the same connector.

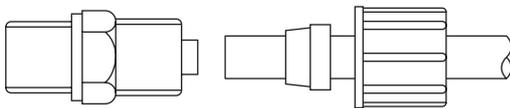
*at ambient temperature – please see our pressure guide I



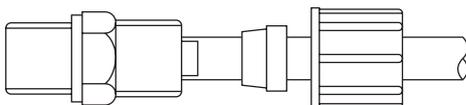
TORQUE TABLE

Plastic	Thread				
	G 1/8"	G 1/4"	G 3/8"	G 1/2"	G 3/4"
PA	1.0–2.0 Nm	5.0 Nm	5.0–7.0 Nm	10.0 Nm	12.0 Nm
PP	1.0–1.5 Nm	2.5 Nm	5.0–6.0 Nm	5.0 Nm	10.0 Nm
PVDF	1.0–2.0 Nm	5.0 Nm	5.0–7.0 Nm	10.0 Nm	15.0 Nm

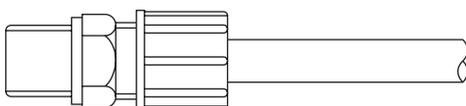
- Screw in the connector with the required torque (see table)
- Cut off the flexible tube at right angles
- Push the knurled nut and the clamping ring over the end of the flexible tube as shown



- Push the end of the flexible tube onto the connecting sleeve as far as the stop

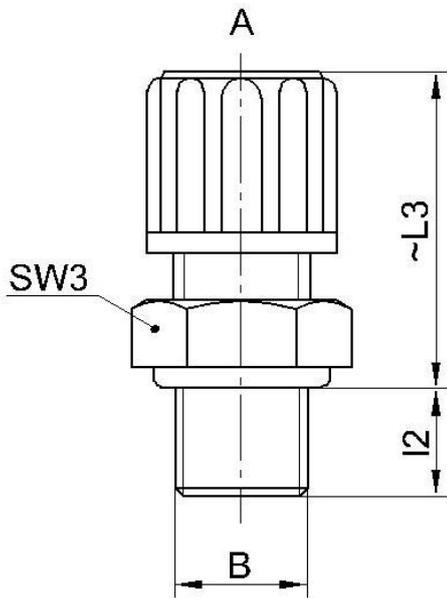


- Screw on the knurled nut by hand and secure hand-tight



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Straight connector for flexible tube (Series 1A) with male G-thread



Article-Nr	Connection A	Connection B	Material
1A100MG03116PP	DN1/8"/1/4"	G1/16"	PP
1A100MG0318PP	DN1/8"/1/4"	G1/8"	PP
1A100MG0318PPFP	DN1/8"/1/4"	G1/8"	PP/FPM
1A100MG0318PV	DN1/8"/1/4"	G1/8"	PVDF
1A100MG0314PP	DN1/8"/1/4"	G1/4"	PP
1A100MG0314PPFP	DN1/8"/1/4"	G1/4"	PP/FPM
1A100MG0314PV	DN1/8"/1/4"	G1/4"	PVDF
1A100MG0314PVFP	DN1/8"/1/4"	G1/4"	PVDF/FPM
1A100MG0338PP	DN1/8"/1/4"	G3/8"	PP
1A100MG0338PV	DN1/8"/1/4"	G3/8"	PVDF
1A100MG0312PP	DN1/8"/1/4"	G1/2"	PP
1A100MG0312PV	DN1/8"/1/4"	G1/2"	PVDF
1A100MG0414PP	DN5/32"/1/4"	G1/4"	PP
1A100MG0518PP	DN1/6"/1/4"	G1/8"	PP
1A100MG0518PV	DN1/6"/1/4"	G1/8"	PVDF
1A100MG0518PVFP	DN1/6"/1/4"	G1/8"	PVDF/FPM
1A100MG0514PP	DN1/6"/1/4"	G1/4"	PP
1A100MG0514PN	DN1/6"/1/4"	G1/4"	PP-NATURE
1A100MG0514PPFP	DN1/6"/1/4"	G1/4"	PP/FPM
1A100MG0514PV	DN1/6"/1/4"	G1/4"	PVDF
1A100MG0538PP	DN1/6"/1/4"	G3/8"	PP
1A100MG0538PV	DN1/6"/1/4"	G3/8"	PVDF
1A100MG0512PP	DN1/6"/1/4"	G1/2"	PP
1A100MG0512PV	DN1/6"/1/4"	G1/2"	PVDF
1A100MG0618PV	DN3/16"/1/4"	G1/8"	PVDF
1A100MG0614PV	DN3/16"/1/4"	G1/4"	PVDF
1A100MG0612PV	DN3/16"/1/4"	G1/2"	PVDF
1A100MG1118PP	DN1/4"/3/8"	G1/8"	PP
1A100MG1118PV	DN1/4"/3/8"	G1/8"	PVDF
1A100MG1114PP	DN1/4"/3/8"	G1/4"	PP
1A100MG1114PN	DN1/4"/3/8"	G1/4"	PP-NATURE
1A100MG1114PPFP	DN1/4"/3/8"	G1/4"	PP/FPM
1A100MG1114PV	DN1/4"/3/8"	G1/4"	PVDF
1A100MG1114PVFP	DN1/4"/3/8"	G1/4"	PVDF/FPM
1A100MG1138PP	DN1/4"/3/8"	G3/8"	PP
1A100MG1138PN	DN1/4"/3/8"	G3/8"	PP-NATURE
1A100MG1138PV	DN1/4"/3/8"	G3/8"	PVDF
1A100MG1112PP	DN1/4"/3/8"	G1/2"	PP
1A100MG1112PN	DN1/4"/3/8"	G1/2"	PP-NATURE
1A100MG1112PV	DN1/4"/3/8"	G1/2"	PVDF
1A100MG1134PP	DN1/4"/3/8"	G3/4"	PP
1A100MG1218PV	DN5/16"/3/8"	G1/8"	PVDF
1A100MG1238PV	DN5/16"/3/8"	G3/8"	PVDF
1A100MG1514PP	DN3/8"/1/2"	G1/4"	PP
1A100MG1514PV	DN3/8"/1/2"	G1/4"	PVDF
1A100MG1538PP	DN3/8"/1/2"	G3/8"	PP
1A100MG1538PN	DN3/8"/1/2"	G3/8"	PP-NATURE
1A100MG1538PV	DN3/8"/1/2"	G3/8"	PVDF
1A100MG1538PVFP	DN3/8"/1/2"	G3/8"	PVDF/FPM
1A100MG1512PP	DN3/8"/1/2"	G1/2"	PP
1A100MG1512PN	DN3/8"/1/2"	G1/2"	PP-NATURE
1A100MG1512PV	DN3/8"/1/2"	G1/2"	PVDF
1A100MG2012PP	DN5/8"/3/4"	G1/2"	PP
1A100MG2012PV	DN5/8"/3/4"	G1/2"	PVDF
1A100MG2034PV	DN5/8"/3/4"	G3/4"	PVDF
1A100MG40116PP	DN04/06	G1/16"	PP
1A100MG40116PPEP	DN04/06	G1/16"	PP/EPDM
1A100MG4018PP	DN04/06	G1/8"	PP
1A100MG4018PPEL	DN04/06	G1/8"	PP-EL
1A100MG4018PN	DN04/06	G1/8"	PP-NATURE
1A100MG4018PNEP	DN04/06	G1/8"	PP-NATURE/EPDM
1A100MG4018PNFP	DN04/06	G1/8"	PP-NATURE/FPM
1A100MG4018PPEP	DN04/06	G1/8"	PP/EPDM
1A100MG4018PPFP	DN04/06	G1/8"	PP/FPM
1A100MG4018PV	DN04/06	G1/8"	PVDF

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Article-Nr	Connection A	Connection B	Material
1A100MG4018PVEL	DN04/06	G1/8"	PVDF-EL
1A100MG4018PVEP	DN04/06	G1/8"	PVDF/EPDM
1A100MG4018PVFK	DN04/06	G1/8"	PVDF/FFKM
1A100MG4018PVFP	DN04/06	G1/8"	PVDF/FPM
1A100MG4014PP	DN04/06	G1/4"	PP
1A100MG4014PEL	DN04/06	G1/4"	PP-EL
1A100MG4014PN	DN04/06	G1/4"	PP-NATURE
1A100MG4014PNFP	DN04/06	G1/4"	PP-NATURE/FPM
1A100MG4014PPEP	DN04/06	G1/4"	PP/EPDM
1A100MG4014PPFP	DN04/06	G1/4"	PP/FPM
1A100MG4014PV	DN04/06	G1/4"	PVDF
1A100MG4014PVEL	DN04/06	G1/4"	PVDF-EL
1A100MG4014PVEP	DN04/06	G1/4"	PVDF/EPDM
1A100MG4014PVFP	DN04/06	G1/4"	PVDF/FPM
1A100MG4038PP	DN04/06	G3/8"	PP
1A100MG4038PN	DN04/06	G3/8"	PP-NATURE
1A100MG4038PNFP	DN04/06	G3/8"	PP-NATURE/FPM
1A100MG4038PPEP	DN04/06	G3/8"	PP/EPDM
1A100MG4038PPFP	DN04/06	G3/8"	PP/FPM
1A100MG4038PV	DN04/06	G3/8"	PVDF
1A100MG4038PVFP	DN04/06	G3/8"	PVDF/FPM
1A100MG4012PP	DN04/06	G1/2"	PP
1A100MG4012PN	DN04/06	G1/2"	PP-NATURE
1A100MG4012PNFP	DN04/06	G1/2"	PP-NATURE/FPM
1A100MG4012PPEP	DN04/06	G1/2"	PP/EPDM
1A100MG4012PPFP	DN04/06	G1/2"	PP/FPM
1A100MG4012PV	DN04/06	G1/2"	PVDF
1A100MG4012PVEP	DN04/06	G1/2"	PVDF/EPDM
1A100MG4012PVFP	DN04/06	G1/2"	PVDF/FPM
1A100MG4034PP	DN04/06	G3/4"	PP
1A100MG4034PV	DN04/06	G3/4"	PVDF
1A100MG4034PVFP	DN04/06	G3/4"	PVDF/FPM
1A100MG4218PP	DN05/08	G1/8"	PP
1A100MG4218PN	DN05/08	G1/8"	PP-NATURE
1A100MG4218PNEP	DN05/08	G1/8"	PP-NATURE/EPDM
1A100MG4218PV	DN05/08	G1/8"	PVDF
1A100MG4214PP	DN05/08	G1/4"	PP
1A100MG4214PN	DN05/08	G1/4"	PP-NATURE
1A100MG4214PPFP	DN05/08	G1/4"	PP/FPM
1A100MG4214PV	DN05/08	G1/4"	PVDF
1A100MG4238PP	DN05/08	G3/8"	PP
1A100MG4238PPFP	DN05/08	G3/8"	PP/FPM
1A100MG4238PV	DN05/08	G3/8"	PVDF
1A100MG4212PP	DN05/08	G1/2"	PP
1A100MG4212PN	DN05/08	G1/2"	PP-NATURE
1A100MG4212PPFP	DN05/08	G1/2"	PP/FPM
1A100MG4212PV	DN05/08	G1/2"	PVDF
1A100MG4318PP	DN06/08	G1/8"	PP
1A100MG4318PEL	DN06/08	G1/8"	PP-EL
1A100MG4318PN	DN06/08	G1/8"	PP-NATURE
1A100MG4318PNFP	DN06/08	G1/8"	PP-NATURE/FPM
1A100MG4318PPEP	DN06/08	G1/8"	PP/EPDM
1A100MG4318PPFP	DN06/08	G1/8"	PP/FPM
1A100MG4318PV	DN06/08	G1/8"	PVDF
1A100MG4318PVEL	DN06/08	G1/8"	PVDF-EL
1A100MG4318PVEP	DN06/08	G1/8"	PVDF/EPDM
1A100MG4318PVFP	DN06/08	G1/8"	PVDF/FPM
1A100MG4314PP	DN06/08	G1/4"	PP
1A100MG4314PN	DN06/08	G1/4"	PP-NATURE
1A100MG4314PNEP	DN06/08	G1/4"	PP-NATURE/EPDM
1A100MG4314PNFP	DN06/08	G1/4"	PP-NATURE/FPM
1A100MG4314PPEP	DN06/08	G1/4"	PP/EPDM
1A100MG4314PPFP	DN06/08	G1/4"	PP/FPM
1A100MG4314PV	DN06/08	G1/4"	PVDF

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Article-Nr	Connection A	Connection B	Material
1A100MG4314PVEL	DN06/08	G1/4"	PVDF-EL
1A100MG4314PVEP	DN06/08	G1/4"	PVDF/EPDM
1A100MG4314PVFP	DN06/08	G1/4"	PVDF/FPM
1A100MG4338PP	DN06/08	G3/8"	PP
1A100MG4338PN	DN06/08	G3/8"	PP-NATURE
1A100MG4338PEP	DN06/08	G3/8"	PP/EPDM
1A100MG4338PPFP	DN06/08	G3/8"	PP/FPM
1A100MG4338PV	DN06/08	G3/8"	PVDF
1A100MG4338PVEP	DN06/08	G3/8"	PVDF/EPDM
1A100MG4338PVFK	DN06/08	G3/8"	PVDF/FFKM
1A100MG4338PVFP	DN06/08	G3/8"	PVDF/FPM
1A100MG4312PP	DN06/08	G1/2"	PP
1A100MG4312PN	DN06/08	G1/2"	PP-NATURE
1A100MG4312PEP	DN06/08	G1/2"	PP/EPDM
1A100MG4312PPFP	DN06/08	G1/2"	PP/FPM
1A100MG4312PV	DN06/08	G1/2"	PVDF
1A100MG4312PVEL	DN06/08	G1/2"	PVDF-EL
1A100MG4312PVEP	DN06/08	G1/2"	PVDF/EPDM
1A100MG4312PVFP	DN06/08	G1/2"	PVDF/FPM
1A100MG4334PP	DN06/08	G3/4"	PP
1A100MG4334PV	DN06/08	G3/4"	PVDF
1A100MG4418PP	DN06/10	G1/8"	PP
1A100MG4418PV	DN06/10	G1/8"	PVDF
1A100MG4418PVFP	DN06/10	G1/8"	PVDF/FPM
1A100MG4414PP	DN06/10	G1/4"	PP
1A100MG4414PV	DN06/10	G1/4"	PVDF
1A100MG4414PVFP	DN06/10	G1/4"	PVDF/FPM
1A100MG4438PP	DN06/10	G3/8"	PP
1A100MG4438PPFP	DN06/10	G3/8"	PP/FPM
1A100MG4438PV	DN06/10	G3/8"	PVDF
1A100MG4438PVFP	DN06/10	G3/8"	PVDF/FPM
1A100MG4412PP	DN06/10	G1/2"	PP
1A100MG4412PPFP	DN06/10	G1/2"	PP/FPM
1A100MG4412PV	DN06/10	G1/2"	PVDF
1A100MG4412PVFP	DN06/10	G1/2"	PVDF/FPM
1A100MG4518PP	DN08/10	G1/8"	PP
1A100MG4518PN	DN08/10	G1/8"	PP-NATURE
1A100MG4518PEP	DN08/10	G1/8"	PP/EPDM
1A100MG4518PPFP	DN08/10	G1/8"	PP/FPM
1A100MG4518PV	DN08/10	G1/8"	PVDF
1A100MG4518PVEP	DN08/10	G1/8"	PVDF/EPDM
1A100MG4518PVFP	DN08/10	G1/8"	PVDF/FPM
1A100MG4514PP	DN08/10	G1/4"	PP
1A100MG4514PN	DN08/10	G1/4"	PP-NATURE
1A100MG4514PNEP	DN08/10	G1/4"	PP-NATURE/EPDM
1A100MG4514PEP	DN08/10	G1/4"	PP/EPDM
1A100MG4514PPFP	DN08/10	G1/4"	PP/FPM
1A100MG4514PV	DN08/10	G1/4"	PVDF
1A100MG4514PVEP	DN08/10	G1/4"	PVDF/EPDM
1A100MG4514PVFP	DN08/10	G1/4"	PVDF/FPM
1A100MG4538PP	DN08/10	G3/8"	PP
1A100MG4538PN	DN08/10	G3/8"	PP-NATURE
1A100MG4538PEP	DN08/10	G3/8"	PP/EPDM
1A100MG4538PPFP	DN08/10	G3/8"	PP/FPM
1A100MG4538PV	DN08/10	G3/8"	PVDF
1A100MG4538PVFP	DN08/10	G3/8"	PVDF/FPM
1A100MG4512PP	DN08/10	G1/2"	PP
1A100MG4512PN	DN08/10	G1/2"	PP-NATURE
1A100MG4512PEP	DN08/10	G1/2"	PP/EPDM
1A100MG4512PPFP	DN08/10	G1/2"	PP/FPM
1A100MG4512PV	DN08/10	G1/2"	PVDF
1A100MG4512PVEP	DN08/10	G1/2"	PVDF/EPDM
1A100MG4512PVFP	DN08/10	G1/2"	PVDF/FPM
1A100MG4534PP	DN08/10	G3/4"	PP

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Article-Nr	Connection A	Connection B	Material
1A100MG4534PV	DN08/10	G3/4"	PVDF
1A100MG4618PP	DN08/12	G1/8"	PP
1A100MG4618PV	DN08/12	G1/8"	PVDF
1A100MG4614PP	DN08/12	G1/4"	PP
1A100MG4614PN	DN08/12	G1/4"	PP-NATURE
1A100MG4614PPEP	DN08/12	G1/4"	PP/EPDM
1A100MG4614PPFP	DN08/12	G1/4"	PP/FPM
1A100MG4614PV	DN08/12	G1/4"	PVDF
1A100MG4614PVFP	DN08/12	G1/4"	PVDF/FPM
1A100MG4638PP	DN08/12	G3/8"	PP
1A100MG4638PPEP	DN08/12	G3/8"	PP/EPDM
1A100MG4638PPFP	DN08/12	G3/8"	PP/FPM
1A100MG4638PV	DN08/12	G3/8"	PVDF
1A100MG4638PVEP	DN08/12	G3/8"	PVDF/EPDM
1A100MG4638PVFP	DN08/12	G3/8"	PVDF/FPM
1A100MG4612PP	DN08/12	G1/2"	PP
1A100MG4612PN	DN08/12	G1/2"	PP-NATURE
1A100MG4612PPEP	DN08/12	G1/2"	PP/EPDM
1A100MG4612PPFP	DN08/12	G1/2"	PP/FPM
1A100MG4612PV	DN08/12	G1/2"	PVDF
1A100MG4612PVEP	DN08/12	G1/2"	PVDF/EPDM
1A100MG4612PVFP	DN08/12	G1/2"	PVDF/FPM
1A100MG4634PP	DN08/12	G3/4"	PP
1A100MG4634PV	DN08/12	G3/4"	PVDF
1A100MG4718PP	DN09/12	G1/8"	PP
1A100MG4718PPEP	DN09/12	G1/8"	PP/EPDM
1A100MG4718PV	DN09/12	G1/8"	PVDF
1A100MG4714PP	DN09/12	G1/4"	PP
1A100MG4714PN	DN09/12	G1/4"	PP-NATURE
1A100MG4714PPEP	DN09/12	G1/4"	PP/EPDM
1A100MG4714PPFP	DN09/12	G1/4"	PP/FPM
1A100MG4714PV	DN09/12	G1/4"	PVDF
1A100MG4714PVFP	DN09/12	G1/4"	PVDF/FPM
1A100MG4738PP	DN09/12	G3/8"	PP
1A100MG4738PN	DN09/12	G3/8"	PP-NATURE
1A100MG4738PPEP	DN09/12	G3/8"	PP/EPDM
1A100MG4738PV	DN09/12	G3/8"	PVDF
1A100MG4712PP	DN09/12	G1/2"	PP
1A100MG4712PN	DN09/12	G1/2"	PP-NATURE
1A100MG4712PPFP	DN09/12	G1/2"	PP/FPM
1A100MG4712PV	DN09/12	G1/2"	PVDF
1A100MG4712PVFP	DN09/12	G1/2"	PVDF/FPM
1A100MG4734PP	DN09/12	G3/4"	PP
1A100MG4734PN	DN09/12	G3/4"	PP-NATURE
1A100MG4734PV	DN09/12	G3/4"	PVDF
1A100MG4818PP	DN10/12	G1/8"	PP
1A100MG4818PN	DN10/12	G1/8"	PP-NATURE
1A100MG4818PPFP	DN10/12	G1/8"	PP/FPM
1A100MG4818PV	DN10/12	G1/8"	PVDF
1A100MG4814PP	DN10/12	G1/4"	PP
1A100MG4814PN	DN10/12	G1/4"	PP-NATURE
1A100MG4814PPFP	DN10/12	G1/4"	PP/FPM
1A100MG4814PV	DN10/12	G1/4"	PVDF
1A100MG4814PVEL	DN10/12	G1/4"	PVDF-EL
1A100MG4814PVEP	DN10/12	G1/4"	PVDF/EPDM
1A100MG4814PVFP	DN10/12	G1/4"	PVDF/FPM
1A100MG4838PP	DN10/12	G3/8"	PP
1A100MG4838PN	DN10/12	G3/8"	PP-NATURE
1A100MG4838PNFP	DN10/12	G3/8"	PP-NATURE/FPM
1A100MG4838PPFP	DN10/12	G3/8"	PP/FPM
1A100MG4838PV	DN10/12	G3/8"	PVDF
1A100MG4838PVFP	DN10/12	G3/8"	PVDF/FPM
1A100MG4812PP	DN10/12	G1/2"	PP
1A100MG4812PEL	DN10/12	G1/2"	PP-EL

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Straight connector for flexible tube (Series 1A) with male G-thread



Article-Nr	Connection A	Connection B	Material
1A100MG4812PN	DN10/12	G1/2"	PP-NATURE
1A100MG4812PPEP	DN10/12	G1/2"	PP/EPDM
1A100MG4812PPFP	DN10/12	G1/2"	PP/FPM
1A100MG4812PV	DN10/12	G1/2"	PVDF
1A100MG4812PVEL	DN10/12	G1/2"	PVDF-EL
1A100MG4812PVFP	DN10/12	G1/2"	PVDF/FPM
1A100MG4834PP	DN10/12	G3/4"	PP
1A100MG4834PN	DN10/12	G3/4"	PP-NATURE
1A100MG4834PV	DN10/12	G3/4"	PVDF
1A100MG4918PP	DN10/14	G1/8"	PP
1A100MG4918PV	DN10/14	G1/8"	PVDF
1A100MG4914PP	DN10/14	G1/4"	PP
1A100MG4914PV	DN10/14	G1/4"	PVDF
1A100MG4938PP	DN10/14	G3/8"	PP
1A100MG4938PN	DN10/14	G3/8"	PP-NATURE
1A100MG4938PPEP	DN10/14	G3/8"	PP/EPDM
1A100MG4938PPFP	DN10/14	G3/8"	PP/FPM
1A100MG4938PV	DN10/14	G3/8"	PVDF
1A100MG4938PVEP	DN10/14	G3/8"	PVDF/EPDM
1A100MG4912PP	DN10/14	G1/2"	PP
1A100MG4912PPEP	DN10/14	G1/2"	PP/EPDM
1A100MG4912PPFP	DN10/14	G1/2"	PP/FPM
1A100MG4912PV	DN10/14	G1/2"	PVDF
1A100MG4912PVFP	DN10/14	G1/2"	PVDF/FPM
1A100MG4934PP	DN10/14	G3/4"	PP
1A100MG4934PV	DN10/14	G3/4"	PVDF
1A100MG5118PP	DN12/14	G1/8"	PP
1A100MG5118PV	DN12/14	G1/8"	PVDF
1A100MG5114PP	DN12/14	G1/4"	PP
1A100MG5114PV	DN12/14	G1/4"	PVDF
1A100MG5138PP	DN12/14	G3/8"	PP
1A100MG5138PN	DN12/14	G3/8"	PP-NATURE
1A100MG5138PPFP	DN12/14	G3/8"	PP/FPM
1A100MG5138PV	DN12/14	G3/8"	PVDF
1A100MG5112PP	DN12/14	G1/2"	PP
1A100MG5112PPEL	DN12/14	G1/2"	PP-EL
1A100MG5112PN	DN12/14	G1/2"	PP-NATURE
1A100MG5112PV	DN12/14	G1/2"	PVDF
1A100MG5112PVEL	DN12/14	G1/2"	PVDF-EL
1A100MG5134PP	DN12/14	G3/4"	PP
1A100MG5134PV	DN12/14	G3/4"	PVDF
1A100MG5214PP	DN12/16	G1/4"	PP
1A100MG5214PV	DN12/16	G1/4"	PVDF
1A100MG5238PP	DN12/16	G3/8"	PP
1A100MG5238PV	DN12/16	G3/8"	PVDF
1A100MG5212PP	DN12/16	G1/2"	PP
1A100MG5212PN	DN12/16	G1/2"	PP-NATURE
1A100MG5212PPEP	DN12/16	G1/2"	PP/EPDM
1A100MG5212PV	DN12/16	G1/2"	PVDF
1A100MG5212PVFP	DN12/16	G1/2"	PVDF/FPM
1A100MG5234PP	DN12/16	G3/4"	PP
1A100MG5234PV	DN12/16	G3/4"	PVDF
1A100MG5314PP	DN14/16	G1/4"	PP
1A100MG5314PV	DN14/16	G1/4"	PVDF
1A100MG5338PP	DN14/16	G3/8"	PP
1A100MG5338PV	DN14/16	G3/8"	PVDF
1A100MG5312PP	DN14/16	G1/2"	PP
1A100MG5312PN	DN14/16	G1/2"	PP-NATURE
1A100MG5312PV	DN14/16	G1/2"	PVDF
1A100MG5334PP	DN14/16	G3/4"	PP
1A100MG5334PV	DN14/16	G3/4"	PVDF
1A100MG5438PV	DN14/18	G3/8"	PVDF
1A100MG5412PP	DN14/18	G1/2"	PP
1A100MG5412PV	DN14/18	G1/2"	PVDF

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Article-Nr	Connection A	Connection B	Material
1A100MG5514PV	DN16/18	G1/4"	PVDF
1A100MG5538PV	DN16/18	G3/8"	PVDF
1A100MG5512PP	DN16/18	G1/2"	PP
1A100MG5512PN	DN16/18	G1/2"	PP-NATUR
1A100MG5512PPFP	DN16/18	G1/2"	PP/FPM
1A100MG5512PV	DN16/18	G1/2"	PVDF
1A100MG5534PP	DN16/18	G3/4"	PP
1A100MG5534PV	DN16/18	G3/4"	PVDF
1A100MG5614PV	DN16/20	G1/4"	PVDF
1A100MG5638PP	DN16/20	G3/8"	PP
1A100MG5612PP	DN16/20	G1/2"	PP
1A100MG5612PN	DN16/20	G1/2"	PP-NATURE
1A100MG5612PPEP	DN16/20	G1/2"	PP/EPDM
1A100MG5612PV	DN16/20	G1/2"	PVDF
1A100MG5612PVEP	DN16/20	G1/2"	PVDF/EPDM
1A100MG5612PVFP	DN16/20	G1/2"	PVDF/FPM
1A100MG5634PP	DN16/20	G3/4"	PP
1A100MG5634PV	DN16/20	G3/4"	PVDF
1A100MG5714PV	DN18/20	G1/4"	PVDF
1A100MG5712PP	DN18/20	G1/2"	PP
1A100MG5712PV	DN18/20	G1/2"	PVDF
1A100MG5734PP	DN18/20	G3/4"	PP
1A100MG5734PEL	DN18/20	G3/4"	PP-EL
1A100MG5734PV	DN18/20	G3/4"	PVDF
1A100MG5734PVFP	DN18/20	G3/4"	PVDF/FPM

Dimensions 1A100MG... 1C100MG...

A(DN)			B(G)	I2	~L3*	SW3	
04/06			1/6"/1/4"	1/8"	8	23.5	14
04/06			1/6"/1/4"	1/4"	12	25	17
04/06			1/6"/1/4"	3/8"	12	26.5	22
04/06			1/6"/1/4"	1/2"	14	29	27
05/08	06/08			1/8"	8	28.5	17
05/08	06/08			1/4"	12	29	17
05/08	06/08			3/8"	12	30.5	22
05/08	06/08			1/2"	14	33	27
06/09				1/8"	8	32.5	19
06/09				1/4"	12	33	19
06/09				3/8"	12	33.5	22
06/09				1/2"	14	36	27
06/10	08/10		1/4"/3/8"	1/8"	8	32.5	19
06/10	08/10		1/4"/3/8"	1/4"	12	33	19
06/10	08/10		1/4"/3/8"	3/8"	12	33.5	22
06/10	08/10		1/4"/3/8"	1/2"	14	36	27
08/12	09/12	10/12	3/8"/1/2"	1/8"	8	36.5	22
08/12	09/12	10/12	3/8"/1/2"	1/4"	12	37	22
08/12	09/12	10/12	3/8"/1/2"	3/8"	12	37.5	22
08/12	09/12	10/12	3/8"/1/2"	1/2"	14	40	27
08/12	09/12	10/12	3/8"/1/2"	3/4"	16	42	32
10/14	12/14			1/8"	8	42.5	24
10/14	12/14			1/4"	12	43	24
10/14	12/14			3/8"	12	43.5	24
10/14	12/14			1/2"	14	45	27
10/14	12/14			3/4"	16	48	32
12/16	14/16			1/4"	12	46	27
12/16	14/16			3/8"	12	46.5	27
12/16	14/16			1/2"	14	47	27
12/16	14/16			3/4"	16	50	32
14/18	16/18			1/4"	12	49	27
14/18	16/18			3/8"	12	49.5	27
14/18	16/18			1/2"	14	50	27
14/18	16/18			3/4"	16	53	32
16/20	18/20		5/8"/3/4"	1/4"	14	55	32
16/20	18/20		5/8"/3/4"	3/8"	14	55	32
16/20	18/20		5/8"/3/4"	1/2"	16	55	32
16/20	18/20		5/8"/3/4"	3/4"	16	55	32

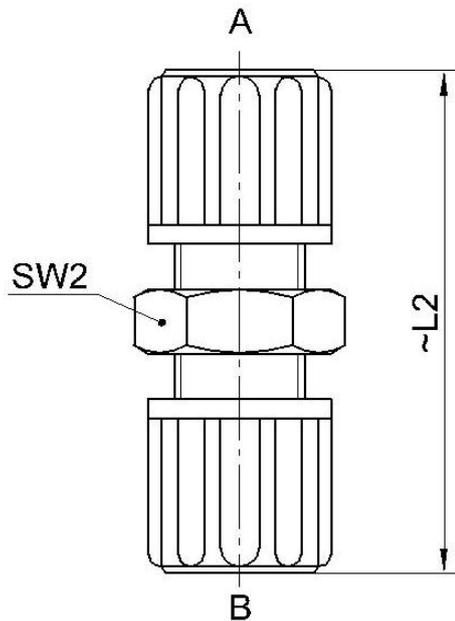
* for tube connections in inch add 2 mm

Technical data Series 1A...

Pressure stage	PN 10
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1

Straight union for flexible tube on both ends (Series 1A)



Article-Nr	Connection A	Connection B	Material
1A100T03PP	DN1/8"/1/4"	DN1/8"/1/4"	PP
1A100T03PV	DN1/8"/1/4"	DN1/8"/1/4"	PVDF
1A100T05PP	DN1/6"/1/4"	DN1/6"/1/4"	PP
1A100T05PN	DN1/6"/1/4"	DN1/6"/1/4"	PP-NATURE
1A100T05PV	DN1/6"/1/4"	DN1/6"/1/4"	PVDF
1A100T1105PP	DN1/4"/3/8"	DN1/6"/1/4"	PP
1A100T1105PN	DN1/4"/3/8"	DN1/6"/1/4"	PP-NATURE
1A100T11PP	DN1/4"/3/8"	DN1/4"/3/8"	PP
1A100T11PN	DN1/4"/3/8"	DN1/4"/3/8"	PP-NATURE
1A100T11PV	DN1/4"/3/8"	DN1/4"/3/8"	PVDF
1A100T1505PN	DN3/8"/1/2"	DN1/6"/1/4"	PP-NATURE
1A100T1511PN	DN3/8"/1/2"	DN1/4"/3/8"	PP-NATURE
1A100T15PP	DN3/8"/1/2"	DN3/8"/1/2"	PP
1A100T15PV	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1A100T1542PP	DN3/8"/1/2"	DN05/08	PP
1A100T2015PP	DN5/8"/3/4"	DN3/8"/1/2"	PP
1A100T20PP	DN5/8"/3/4"	DN5/8"/3/4"	PP
1A100T4003PP	DN04/06	DN1/8"/1/4"	PP
1A100T4004PV	DN04/06	DN5/32"/1/4"	PVDF
1A100T4005PV	DN04/06	DN1/6"/1/4"	PVDF
1A100T4011PP	DN04/06	DN1/4"/3/8"	PP
1A100T4011PN	DN04/06	DN1/4"/3/8"	PP-NATURE
1A100T4011PV	DN04/06	DN1/4"/3/8"	PVDF
1A100T4004PP	DN04/06	DN5/32"/1/4"	PP
1A100T40PP	DN04/06	DN04/06	PP
1A100T40PEL	DN04/06	DN04/06	PP-EL
1A100T40PN	DN04/06	DN04/06	PP-NATURE
1A100T40PV	DN04/06	DN04/06	PVDF
1A100T40PVEL	DN04/06	DN04/06	PVDF-EL
1A100T4211PP	DN05/08	DN1/4"/3/8"	PP
1A100T4240PP	DN05/08	DN04/06	PP
1A100T4240PV	DN05/08	DN04/06	PVDF
1A100T42PP	DN05/08	DN05/08	PP
1A100T42PN	DN05/08	DN05/08	PP-NATURE
1A100T42PV	DN05/08	DN05/08	PVDF
1A100T4303PV	DN06/08	DN1/8"/1/4"	PVDF
1A100T4305PP	DN06/08	DN1/6"/1/4"	PP
1A100T4305PV	DN06/08	DN1/6"/1/4"	PVDF
1A100T4311PP	DN06/08	DN1/4"/3/8"	PP
1A100T4311PV	DN06/08	DN1/4"/3/8"	PVDF
1A100T4315PV	DN06/08	DN3/8"/1/2"	PVDF
1A100T4340PP	DN06/08	DN04/06	PP
1A100T4340PN	DN06/08	DN04/06	PP-NATURE
1A100T4340PV	DN06/08	DN04/06	PVDF
1A100T4342PP	DN06/08	DN05/08	PP
1A100T4342PV	DN06/08	DN05/08	PVDF
1A100T43PP	DN06/08	DN06/08	PP
1A100T43PN	DN06/08	DN06/08	PP-NATURE
1A100T43PV	DN06/08	DN06/08	PVDF
1A100T43PVEL	DN06/08	DN06/08	PVDF-EL
1A100T4440PP	DN06/10	DN04/06	PP
1A100T4440PV	DN06/10	DN04/06	PVDF
1A100T4443PV	DN06/10	DN06/08	PVDF
1A100T44PP	DN06/10	DN06/10	PP
1A100T44PV	DN06/10	DN06/10	PVDF
1A100T4540PP	DN08/10	DN04/06	PP
1A100T4540PN	DN08/10	DN04/06	PP-NATURE
1A100T4540PV	DN08/10	DN04/06	PVDF
1A100T4543PP	DN08/10	DN06/08	PP
1A100T4543PN	DN08/10	DN06/08	PP-NATURE
1A100T4543PV	DN08/10	DN06/08	PVDF
1A100T4544PP	DN08/10	DN06/10	PP
1A100T4544PV	DN08/10	DN06/10	PVDF
1A100T45PP	DN08/10	DN08/10	PP
1A100T45PN	DN08/10	DN08/10	PP-NATURE

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Article-Nr	Connection A	Connection B	Material
1A100T45PV	DN08/10	DN08/10	PVDF
1A100T45PVEL	DN08/10	DN08/10	PVDF-EL
1A100T4615PP	DN08/12	DN3/8"/1/2"	PP
1A100T4640PP	DN08/12	DN04/06	PP
1A100T4640PV	DN08/12	DN04/06	PVDF
1A100T4643PP	DN08/12	DN06/08	PP
1A100T4643PV	DN08/12	DN06/08	PVDF
1A100T4644PP	DN08/12	DN06/10	PP
1A100T4644PV	DN08/12	DN06/10	PVDF
1A100T4645PP	DN08/12	DN08/10	PP
1A100T4645PN	DN08/12	DN08/10	PP-NATURE
1A100T4645PV	DN08/12	DN08/10	PVDF
1A100T46PP	DN08/12	DN08/12	PP
1A100T46PV	DN08/12	DN08/12	PVDF
1A100T4715PV	DN09/12	DN3/8"/1/2"	PVDF
1A100T4740PP	DN09/12	DN04/06	PP
1A100T4740PV	DN09/12	DN04/06	PVDF
1A100T4742PP	DN09/12	DN05/08	PP
1A100T4743PP	DN09/12	DN06/08	PP
1A100T4743PV	DN09/12	DN06/08	PVDF
1A100T47PP	DN09/12	DN09/12	PP
1A100T47PV	DN09/12	DN09/12	PVDF
1A100T4806PV	DN10/12	DN3/16"/1/4"	PVDF
1A100T4811PV	DN10/12	DN1/4"/3/8"	PVDF
1A100T4815PV	DN10/12	DN3/8"/1/2"	PVDF
1A100T4840PP	DN10/12	DN04/06	PP
1A100T4840PN	DN10/12	DN04/06	PP-NATURE
1A100T4840PV	DN10/12	DN04/06	PVDF
1A100T4843PP	DN10/12	DN06/08	PP
1A100T4843PN	DN10/12	DN06/08	PP-NATURE
1A100T4843PV	DN10/12	DN06/08	PVDF
1A100T4844PP	DN10/12	DN06/10	PP
1A100T4844PV	DN10/12	DN06/10	PVDF
1A100T4845PP	DN10/12	DN08/10	PP
1A100T4845PN	DN10/12	DN08/10	PP-NATURE
1A100T4845PV	DN10/12	DN08/10	PVDF
1A100T4846PP	DN10/12	DN08/12	PP
1A100T4846PN	DN10/12	DN08/12	PP-NATURE
1A100T4846PV	DN10/12	DN08/12	PVDF
1A100T48PP	DN10/12	DN10/12	PP
1A100T48PN	DN10/12	DN10/12	PP-NATURE
1A100T48PV	DN10/12	DN10/12	PVDF
1A100T4940PP	DN10/14	DN04/06	PP
1A100T4940PV	DN10/14	DN04/06	PVDF
1A100T4943PP	DN10/14	DN06/08	PP
1A100T4943PV	DN10/14	DN06/08	PVDF
1A100T4944PP	DN10/14	DN06/10	PP
1A100T4944PV	DN10/14	DN06/10	PVDF
1A100T4945PV	DN10/14	DN08/10	PVDF
1A100T4946PP	DN10/14	DN08/12	PP
1A100T4946PV	DN10/14	DN08/12	PVDF
1A100T4948PV	DN10/14	DN10/12	PVDF
1A100T49PP	DN10/14	DN10/14	PP
1A100T49PV	DN10/14	DN10/14	PVDF
1A100T5140PP	DN12/14	DN04/06	PP
1A100T5140PV	DN12/14	DN04/06	PVDF
1A100T5143PP	DN12/14	DN06/08	PP
1A100T5145PP	DN12/14	DN08/10	PP
1A100T5145PV	DN12/14	DN08/10	PVDF
1A100T5146PV	DN12/14	DN08/12	PVDF
1A100T5148PP	DN12/14	DN10/12	PP
1A100T5148PV	DN12/14	DN10/12	PVDF
1A100T5149PV	DN12/14	DN10/14	PVDF
1A100T51PP	DN12/14	DN12/14	PP

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Article-Nr	Connection A	Connection B	Material
1A100T51PN	DN12/14	DN12/14	PP-NATURE
1A100T51PV	DN12/14	DN12/14	PVDF
1A100T5245PP	DN12/16	DN08/10	PP
1A100T5246PP	DN12/16	DN08/12	PP
1A100T5246PV	DN12/16	DN08/12	PVDF
1A100T5248PP	DN12/16	DN10/12	PVDF
1A100T5248PV	DN12/16	DN10/12	PVDF
1A100T52PP	DN12/16	DN12/16	PP
1A100T52PV	DN12/16	DN12/16	PVDF
1A100T5340PP	DN14/16	DN04/06	PP
1A100T5340PV	DN14/16	DN04/06	PVDF
1A100T5343PP	DN14/16	DN06/08	PP
1A100T5343PV	DN14/16	DN06/08	PVDF
1A100T5345PV	DN14/16	DN08/10	PVDF
1A100T5348PP	DN14/16	DN10/12	PP
1A100T5348PV	DN14/16	DN10/12	PVDF
1A100T5345PVEL	DN14/16	DN10/12	PVDF-EL
1A100T5351PV	DN14/16	DN12/14	PVDF
1A100T53PP	DN14/16	DN14/16	PP
1A100T53PV	DN14/16	DN14/16	PVDF
1A100T54PP	DN14/18	DN14/18	PP
1A100T55PP	DN16/18	DN16/18	PP
1A100T55PV	DN16/18	DN16/18	PVDF
1A100T5645PP	DN16/20	DN08/10	PP
1A100T5646PP	DN16/20	DN08/12	PP
1A100T5652PP	DN16/20	DN12/16	PP
1A100T5652PV	DN16/20	DN12/16	PVDF
1A100T56PP	DN16/20	DN16/20	PP
1A100T56PV	DN16/20	DN16/20	PVDF
1A100T5745PP	DN18/20	DN08/10	PP
1A100T5751PP	DN18/20	DN12/14	PP
1A100T5753PV	DN18/20	DN14/16	PVDF
1A100T57PP	DN18/20	DN18/20	PP
1A100T57PV	DN18/20	DN18/20	PVDF

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Straight union for flexible tube on both ends (Series 1A)

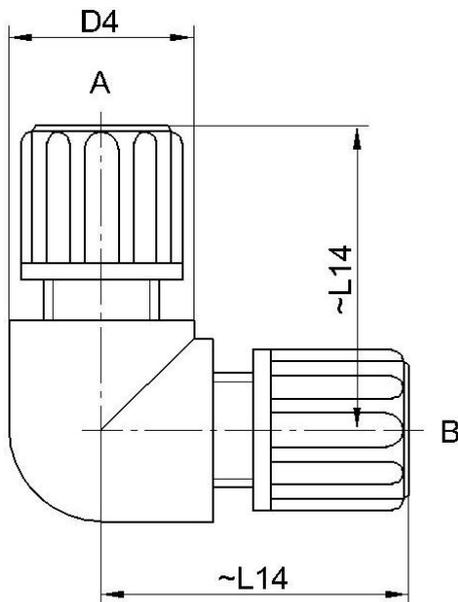
Dimensions 1A100T... 1C100T...

A-B(DN)				~L2*	SW2
04/06			1/6"-1/4"	39	14
05/08				49	17
06/08				49	19
06/09				55	22
06/10	08/10		1/4"-3/8"	55	22
08/12	09/12	10/12	3/8"-1/2"	64	24
10/14	12/14			74	24
12/16	14/16			79	27
14/18	16/18			85	27
16/20	18/20		5/8"-3/4"	92	32

* for tube connections in inch add 2 mm

Technical data Series 1A...

Pressure stage	PN 10
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Article-Nr	Connection A	Connection B	Material
1A200T03PP	DN1/8"/1/4"	DN1/8"/1/4"	PP
1A200T03PV	DN1/8"/1/4"	DN1/8"/1/4"	PVDF
1A200T05PP	DN1/6"/1/4"	DN1/6"/1/4"	PP
1A200T05PV	DN1/6"/1/4"	DN1/6"/1/4"	PVDF
1A200T11PP	DN1/4"/3/8"	DN1/4"/3/8"	PP
1A200T11PV	DN1/4"/3/8"	DN1/4"/3/8"	PVDF
1A200T15PP	DN3/8"/1/2"	DN3/8"/1/2"	PP
1A200T15PV	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1A200T20PP	DN5/8"/3/4"	DN5/8"/3/4"	PP
1A200T20PV	DN5/8"/3/4"	DN5/8"/3/4"	PVDF
1A200T4003PP	DN04/06	DN1/8"/1/4"	PP
1A200T4005PP	DN04/06	DN1/6"/1/4"	PP
1A200T4005PV	DN04/06	DN1/6"/1/4"	PVDF
1A200T40PP	DN04/06	DN04/06	PP
1A200T40PEL	DN04/06	DN04/06	PP-EL
1A200T40PN	DN04/06	DN04/06	PP-NATURE
1A200T40PV	DN04/06	DN04/06	PVDF
1A200T40PVEL	DN04/06	DN04/06	PVDF-EL
1A200T42PP	DN05/08	DN05/08	PP
1A200T42PN	DN05/08	DN05/08	PP-NATURE
1A200T42PV	DN05/08	DN05/08	PVDF
1A200T4311PV	DN06/08	DN1/4"/3/8"	PVDF
1A200T4340PP	DN06/08	DN04/06	PP
1A200T4340PN	DN06/08	DN04/06	PP-NATURE
1A200T4340PV	DN06/08	DN04/06	PVDF
1A200T43PP	DN06/08	DN06/08	PP
1A200T43PN	DN06/08	DN06/08	PP-NATURE
1A200T43PV	DN06/08	DN06/08	PVDF
1A200T43PVEL	DN06/08	DN06/08	PVDF-EL
1A200T4440PP	DN06/10	DN04/06	PP
1A200T4440PV	DN06/10	DN04/06	PVDF
1A200T4443PP	DN06/10	DN06/08	PP
1A200T44PP	DN06/10	DN06/10	PP
1A200T44PV	DN06/10	DN06/10	PVDF
1A200T4540PP	DN08/10	DN04/06	PP
1A200T4540PV	DN08/10	DN04/06	PVDF
1A200T4543PP	DN08/10	DN06/08	PP
1A200T4543PV	DN08/10	DN06/08	PVDF
1A200T45PP	DN08/10	DN08/10	PP
1A200T45PN	DN08/10	DN08/10	PP-NATURE
1A200T45PV	DN08/10	DN08/10	PVDF
1A200T45PVEL	DN08/10	DN08/10	PVDF-EL
1A200T4640PP	DN08/12	DN04/06	PP
1A200T4640PV	DN08/12	DN04/06	PVDF
1A200T4643PP	DN08/12	DN06/08	PP
1A200T46PP	DN08/12	DN08/12	PP
1A200T46PV	DN08/12	DN08/12	PVDF
1A200T4743PV	DN09/12	DN06/08	PVDF
1A200T47PP	DN09/12	DN09/12	PP
1A200T47PN	DN09/12	DN09/12	PP-NATURE
1A200T47PV	DN09/12	DN09/12	PVDF
1A200T4840PP	DN10/12	DN04/06	PP
1A200T4840PV	DN10/12	DN04/06	PVDF
1A200T4843PP	DN10/12	DN06/08	PP
1A200T4843PN	DN10/12	DN06/08	PP-NATURE
1A200T4843PV	DN10/12	DN06/08	PVDF
1A200T4845PP	DN10/12	DN08/10	PP
1A200T4845PV	DN10/12	DN08/10	PVDF
1A200T48PP	DN10/12	DN10/12	PP
1A200T48PN	DN10/12	DN10/12	PP-NATURE
1A200T48PV	DN10/12	DN10/12	PVDF
1A200T48PVEL	DN10/12	DN10/12	PVDF-EL
1A200T4940PV	DN10/14	DN04/06	PVDF
1A200T4944PP	DN10/14	DN06/10	PP
1A200T49PP	DN10/14	DN10/14	PP

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Article-Nr	Connection A	Connection B	Material
1A200T49PV	DN10/14	DN10/14	PVDF
1A200T5140PV	DN12/14	DN04/06	PVDF
1A200T5148PP	DN12/14	DN10/12	PP
1A200T51PP	DN12/14	DN12/14	PP
1A200T51PV	DN12/14	DN12/14	PVDF
1A200T5240PP	DN12/16	DN04/06	PP
1A200T5240PV	DN12/16	DN04/06	PVDF
1A200T5248PP	DN12/16	DN10/12	PP
1A200T5248PV	DN12/16	DN10/12	PVDF
1A200T52PP	DN12/16	DN12/16	PP
1A200T52PV	DN12/16	DN12/16	PVDF
1A200T5340PV	DN14/16	DN04/06	PVDF
1A200T5343PP	DN14/16	DN06/08	PP
1A200T53PP	DN14/16	DN14/16	PP
1A200T53PV	DN14/16	DN14/16	PVDF
1A200T53PVEL	DN14/16	DN14/16	PVDF-EL
1A200T54PP	DN14/18	DN14/18	PP
1A200T54PV	DN14/18	DN14/18	PVDF
1A200T55PP	DN16/18	DN16/18	PP
1A200T55PN	DN16/18	DN16/18	PP-NATUR
1A200T55PV	DN16/18	DN16/18	PVDF
1A200T56PP	DN16/20	DN16/20	PP
1A200T56PV	DN16/20	DN16/20	PVDF
1A200T57PP	DN18/20	DN18/20	PP
1A200T57PEL	DN18/20	DN18/20	PP-EL
1A200T57PV	DN18/20	DN18/20	PVDF

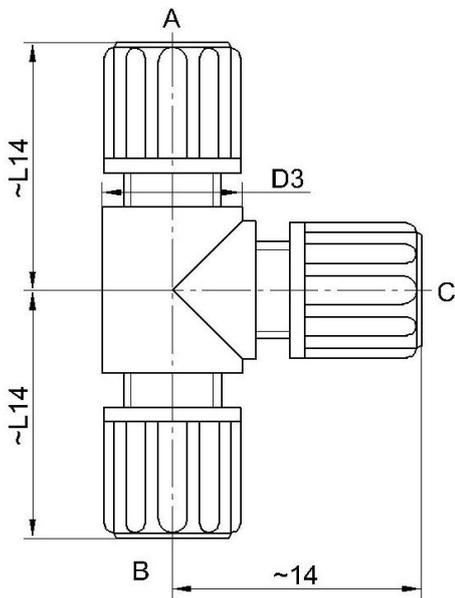
Dimensions 1A200T... 1C200T...

A-B(DN)			~L14*	ØD4	
04/06			1/6"-1/4"	25	13
05/08	06/08			30	15
06/09					
06/10	08/10		1/4"-3/8"	36	20
08/12	09/12	10/12	3/8"-1/2"	43	20
10/14	12/14			48	25
12/16	14/16			50	25
14/18	16/18			55	30
16/20	18/20		5/8"-3/4"	57	30

* for tube connections in inch add 2 mm

Technical data Series 1A...

Pressure stage	PN 10
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Article-Nr	Connection A	Connection B	Connection C	Material
1A300T03PP	DN1/8"/1/4"	DN1/8"/1/4"	DN1/8"/1/4"	PP
1A300T03PV	DN1/8"/1/4"	DN1/8"/1/4"	DN1/8"/1/4"	PVDF
1A300T05PP	DN1/6"/1/4"	DN1/6"/1/4"	DN1/6"/1/4"	PP
1A300T05PV	DN1/6"/1/4"	DN1/6"/1/4"	DN1/6"/1/4"	PVDF
1A300T06PV	DN3/16"/1/4"	DN3/16"/1/4"	DN3/16"/1/4"	PVDF
1A300T11PP	DN1/4"/3/8"	DN1/4"/3/8"	DN1/4"/3/8"	PP
1A300T11PN	DN1/4"/3/8"	DN1/4"/3/8"	DN1/4"/3/8"	PP-NATURE
1A300T11PV	DN1/4"/3/8"	DN1/4"/3/8"	DN1/4"/3/8"	PVDF
1A300T15PP	DN3/8"/1/2"	DN3/8"/1/2"	DN3/8"/1/2"	PP
1A300T15PN	DN3/8"/1/2"	DN3/8"/1/2"	DN3/8"/1/2"	PP-NATURE
1A300T15PV	DN3/8"/1/2"	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1A300T20PP	DN5/8"/3/4"	DN5/8"/3/4"	DN5/8"/3/4"	PP
1A300T20PV	DN5/8"/3/4"	DN5/8"/3/4"	DN5/8"/3/4"	PVDF
1A300T404005PV	DN04/06	DN04/06	DN1/6"/1/4"	PVDF
1A300T40PP	DN04/06	DN04/06	DN04/06	PP
1A300T40PN	DN04/06	DN04/06	DN04/06	PP-NATURE
1A300T40PV	DN04/06	DN04/06	DN04/06	PVDF
1A300T40PVEL	DN04/06	DN04/06	DN04/06	PVDF-EL
1A300T404043PP	DN04/06	DN04/06	DN06/08	PP
1A300T404043PN	DN04/06	DN04/06	DN06/08	PP-NATURE
1A300T404043PV	DN04/06	DN04/06	DN06/08	PVDF
1A300T404045PP	DN04/06	DN04/06	DN08/10	PP
1A300T404045PV	DN04/06	DN04/06	DN08/10	PVDF
1A300T404046PV	DN04/06	DN04/06	DN08/12	PVDF
1A300T404048PV	DN04/06	DN04/06	DN10/12	PVDF
1A300T404340PP	DN04/06	DN06/08	DN04/06	PP
1A300T404340PV	DN04/06	DN06/08	DN04/06	PVDF
1A300T42PP	DN05/08	DN05/08	DN05/08	PP
1A300T42PN	DN05/08	DN05/08	DN05/08	PP-NATURE
1A300T42PV	DN05/08	DN05/08	DN05/08	PVDF
1A300T434040PP	DN06/08	DN04/06	DN04/06	PP
1A300T434040PV	DN06/08	DN04/06	DN04/06	PVDF
1A300T434043PP	DN06/08	DN04/06	DN06/08	PP
1A300T434043PV	DN06/08	DN04/06	DN06/08	PVDF
1A300T434303PP	DN06/08	DN06/08	DN1/8"/1/4"	PP
1A300T434305PP	DN06/08	DN06/08	DN1/6"/1/4"	PP
1A300T434340PP	DN06/08	DN06/08	DN04/06	PP
1A300T434340PN	DN06/08	DN06/08	DN04/06	PP-NATURE
1A300T434340PV	DN06/08	DN06/08	DN04/06	PVDF
1A300T43PP	DN06/08	DN06/08	DN06/08	PP
1A300T43PN	DN06/08	DN06/08	DN06/08	PP-NATURE
1A300T43PV	DN06/08	DN06/08	DN06/08	PVDF
1A300T43PVEL	DN06/08	DN06/08	DN06/08	PVDF-EL
1A300T434345PP	DN06/08	DN06/08	DN08/10	PP
1A300T434345PN	DN06/08	DN06/08	DN08/10	PP-NATURE
1A300T434345PV	DN06/08	DN06/08	DN08/10	PVDF
1A300T434348PP	DN06/08	DN06/08	DN10/12	PP
1A300T434348PV	DN06/08	DN06/08	DN10/12	PVDF
1A300T444440PP	DN06/10	DN06/10	DN04/06	PP
1A300T444440PV	DN06/10	DN06/10	DN04/06	PVDF
1A300T44PP	DN06/10	DN06/10	DN06/10	PP
1A300T44PV	DN06/10	DN06/10	DN06/10	PVDF
1A300T444445PP	DN06/10	DN06/10	DN08/10	PP
1A300T454040PP	DN08/10	DN04/06	DN04/06	PP
1A300T454040PV	DN08/10	DN04/06	DN04/06	PVDF
1A300T454045PP	DN08/10	DN04/06	DN08/10	PP
1A300T454045PV	DN08/10	DN04/06	DN08/10	PVDF
1A300T454340PP	DN08/10	DN06/08	DN04/06	PP
1A300T454343PP	DN08/10	DN06/08	DN06/08	PP
1A300T454345PP	DN08/10	DN06/08	DN08/10	PP
1A300T454345PV	DN08/10	DN06/08	DN08/10	PVDF
1A300T454505PV	DN08/10	DN08/10	DN1/6"/1/4"	PVDF
1A300T454540PP	DN08/10	DN08/10	DN04/06	PP
1A300T454540PV	DN08/10	DN08/10	DN04/06	PVDF
1A300T454543PP	DN08/10	DN08/10	DN06/08	PP

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Article-Nr	Connection A	Connection B	Connection C	Material
1A300T454543PV	DN08/10	DN08/10	DN06/08	PVDF
1A300T45PP	DN08/10	DN08/10	DN08/10	PP
1A300T45PN	DN08/10	DN08/10	DN08/10	PP-NATURE
1A300T45PV	DN08/10	DN08/10	DN08/10	PVDF
1A300T45PVEL	DN08/10	DN08/10	DN08/10	PVDF-EL
1A300T454548PP	DN08/10	DN08/10	DN10/12	PP
1A300T454548PN	DN08/10	DN08/10	DN10/12	PP-NATURE
1A300T454548PV	DN08/10	DN08/10	DN10/12	PVDF
1A300T454551PV	DN08/10	DN08/10	DN12/14	PVDF
1A300T435143PV	DN08/10	DN12/14	DN08/10	PVDF
1A300T464040PP	DN08/12	DN04/06	DN04/06	PP
1A300T464040PV	DN08/12	DN04/06	DN04/06	PVDF
1A300T464046PP	DN08/12	DN04/06	DN08/12	PP
1A300T464046PV	DN08/12	DN04/06	DN08/12	PVDF
1A300T464640PP	DN08/12	DN08/12	DN04/06	PP
1A300T464640PV	DN08/12	DN08/12	DN04/06	PVDF
1A300T464643PV	DN08/12	DN08/12	DN06/08	PVDF
1A300T464644PP	DN08/12	DN08/12	DN06/10	PP
1A300T46PP	DN08/12	DN08/12	DN08/12	PP
1A300T46PV	DN08/12	DN08/12	DN08/12	PVDF
1A300T464656PP	DN08/12	DN08/12	DN16/20	PP
1A300T474740PP	DN09/12	DN09/12	DN04/06	PP
1A300T474740PV	DN09/12	DN09/12	DN04/06	PVDF
1A300T47PP	DN09/12	DN09/12	DN09/12	PP
1A300T47PN	DN09/12	DN09/12	DN09/12	PP-NATURE
1A300T47PV	DN09/12	DN09/12	DN09/12	PVDF
1A300T484040PP	DN10/12	DN04/06	DN04/06	PP
1A300T484040PV	DN10/12	DN04/06	DN04/06	PVDF
1A300T484045PV	DN10/12	DN04/06	DN08/10	PVDF
1A300T484048PP	DN10/12	DN04/06	DN10/12	PP
1A300T484340PV	DN10/12	DN06/08	DN04/06	PVDF
1A300T484343PP	DN10/12	DN06/08	DN06/08	PP
1A300T484343PV	DN10/12	DN06/08	DN06/08	PVDF
1A300T484348PP	DN10/12	DN06/08	DN10/12	PP
1A300T484348PV	DN10/12	DN06/08	DN10/12	PVDF
1A300T484545PV	DN10/12	DN08/10	DN08/10	PVDF
1A300T484815PV	DN10/12	DN10/12	DN3/8"/1/2"	PVDF
1A300T484840PP	DN10/12	DN10/12	DN04/06	PP
1A300T484840PN	DN10/12	DN10/12	DN04/06	PP-NATURE
1A300T484840PV	DN10/12	DN10/12	DN04/06	PVDF
1A300T484843PP	DN10/12	DN10/12	DN06/08	PP
1A300T484843PN	DN10/12	DN10/12	DN06/08	PP-NATURE
1A300T484843PV	DN10/12	DN10/12	DN06/08	PVDF
1A300T484845PP	DN10/12	DN10/12	DN08/10	PP
1A300T484845PN	DN10/12	DN10/12	DN08/10	PP-NATURE
1A300T484845PV	DN10/12	DN10/12	DN08/10	PVDF
1A300T48PP	DN10/12	DN10/12	DN10/12	PP
1A300T48PN	DN10/12	DN10/12	DN10/12	PP-NATURE
1A300T48PV	DN10/12	DN10/12	DN10/12	PVDF
1A300T48PVEL	DN10/12	DN10/12	DN10/12	PVDF-EL
1A300T494940PP	DN10/14	DN10/14	DN04/06	PP
1A300T494940PV	DN10/14	DN10/14	DN04/06	PVDF
1A300T494946PP	DN10/14	DN10/14	DN08/12	PP
1A300T494946PV	DN10/14	DN10/14	DN08/12	PVDF
1A300T49PP	DN10/14	DN10/14	DN10/14	PP
1A300T49PV	DN10/14	DN10/14	DN10/14	PVDF
1A300T514040PP	DN12/14	DN04/06	DN04/06	PP
1A300T514040PV	DN12/14	DN04/06	DN04/06	PVDF
1A300T514343PP	DN12/14	DN06/08	DN06/08	PP
1A300T514545PV	DN12/14	DN08/10	DN08/10	PVDF
1A300T514551PP	DN12/14	DN08/10	DN12/14	PP
1A300T514551PV	DN12/14	DN08/10	DN12/14	PVDF
1A300T514848PP	DN12/14	DN10/12	DN10/12	PP
1A300T515140PP	DN12/14	DN12/14	DN04/06	PP

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Article-Nr	Connection A	Connection B	Connection C	Material
1A300T515140PN	DN12/14	DN12/14	DN04/06	PP-NATURE
1A300T515140PV	DN12/14	DN12/14	DN04/06	PVDF
1A300T515143PP	DN12/14	DN12/14	DN06/08	PP
1A300T515145PP	DN12/14	DN12/14	DN08/10	PP
1A300T51PP	DN12/14	DN12/14	DN12/14	PP
1A300T51PN	DN12/14	DN12/14	DN12/14	PP-NATURE
1A300T51PV	DN12/14	DN12/14	DN12/14	PVDF
1A300T525246PP	DN12/16	DN12/16	DN08/12	PP
1A300T525246PV	DN12/16	DN12/16	DN08/12	PVDF
1A300T52PP	DN12/16	DN12/16	DN12/16	PP
1A300T52PV	DN12/16	DN12/16	DN12/16	PVDF
1A300T534040PV	DN14/16	DN04/06	DN04/06	PVDF
1A300T534848PP	DN14/16	DN10/12	DN10/12	PP
1A300T535343PP	DN14/16	DN14/16	DN06/08	PP
1A300T535343PV	DN14/16	DN14/16	DN06/08	PVDF
1A300T535345PV	DN14/16	DN14/16	DN08/10	PVDF
1A300T535348PP	DN14/16	DN14/16	DN10/12	PP
1A300T53PP	DN14/16	DN14/16	DN14/16	PP
1A300T53PV	DN14/16	DN14/16	DN14/16	PVDF
1A300T535357PV	DN14/16	DN14/16	DN18/20	PVDF
1A300T54PP	DN14/18	DN14/18	DN14/18	PP
1A300T54PV	DN14/18	DN14/18	DN14/18	PVDF
1A300T55PV	DN16/18	DN16/18	DN16/18	PVDF
1A300T565646PP	DN16/20	DN16/20	DN08/12	PP
1A300T565649PV	DN16/20	DN16/20	DN10/14	PVDF
1A300T56PP	DN16/20	DN16/20	DN16/20	PP
1A300T56PV	DN16/20	DN16/20	DN16/20	PVDF
1A300T575353PV	DN18/20	DN14/16	DN14/16	PVDF
1A300T57PP	DN18/20	DN18/20	DN18/20	PP
1A300T57PV	DN18/20	DN18/20	DN18/20	PVDF

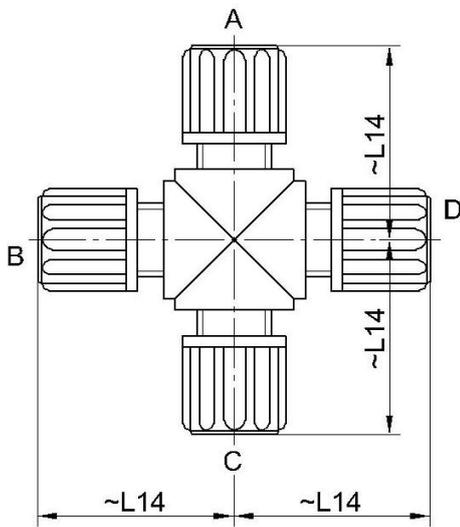
Dimensions 1A300T..., 1C300T...

A-B-C(DN)			~L14*	ØD3	
04/06			1/6"-1/4"	26	12
05/08	06/08			31	15
06/09					
06/10	08/10		1/4"-3/8"	36	20
08/12	09/12	10/12	3/8"-1/2"	43	20
10/14	12/14			48	25
12/16	14/16			50	25
14/18	16/18			55	30
16/20	18/20		5/8"-3/4"	59	32

* for tube connections in inch add 2 mm

Technical data Series 1A...

Pressure stage	PN 10
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Article-Nr	Connection A	Connection B	Connection C	Connection D	Material
1A400T1103PP	DN3/8"	DN3/8"	DN1/4"	DN1/4"	PP
1A400T11PP	DN3/8"	DN3/8"	DN3/8"	DN3/8"	PP
1A400T1511PP	DN1/2"	DN1/2"	DN3/8"	DN3/8"	PP
1A400T15PP	DN1/2"	DN1/2"	DN1/2"	DN1/2"	PP
1A400T40PP	DN04/06	DN04/06	DN04/06	DN04/06	PP
1A400T40PV	DN04/06	DN04/06	DN04/06	DN04/06	PVDF
1A400T43434040PV	DN06/08	DN06/08	DN04/06	DN04/06	PVDF
1A400T43PP	DN06/08	DN06/08	DN06/08	DN06/08	PP
1A400T43PV	DN06/08	DN06/08	DN06/08	DN06/08	PVDF
1A400T44PP	DN06/10	DN06/10	DN06/10	DN06/10	PP
1A400T44PV	DN06/10	DN06/10	DN06/10	DN06/10	PVDF
1A400T45434543PN	DN08/10	DN06/08	DN08/10	DN06/08	PP-NATURE
1A400T45PP	DN08/10	DN08/10	DN08/10	DN08/10	PP
1A400T45PV	DN08/10	DN08/10	DN08/10	DN08/10	PVDF
1A400T46PP	DN08/12	DN08/12	DN08/12	DN08/12	PP
1A400T46PV	DN08/12	DN08/12	DN08/12	DN08/12	PVDF
1A400T48454845PP	DN10/12	DN08/10	DN10/12	DN08/10	PP
1A400T48PP	DN10/12	DN10/12	DN10/12	DN10/12	PP
1A400T48PV	DN10/12	DN10/12	DN10/12	DN10/12	PVDF
1A400T49PP	DN10/14	DN10/14	DN10/14	DN10/14	PP
1A400T51PP	DN12/14	DN12/14	DN12/14	DN12/14	PP
1A400T51PV	DN12/14	DN12/14	DN12/14	DN12/14	PVDF

Dimensions 1A400T..., 1C400T...

A(DN)	B(DN)	C(DN)	D(DN)	~L14
04/06	04/06	04/06	4/6	25
06/08	06/08	06/08	6/8	33
06/10	06/10	06/10	6/10	36
08/10	08/10	08/10	8/10	36
08/12	08/12	08/12	8/12	43
10/12	10/12	10/12	10/12	43
10/14	10/14	10/14	10/14	48
12/14	12/14	12/14	12/14	48
1/8" / 1/4"	1/8" / 1/4"	1/8" / 1/4"	1/8" / 1/4"	27
1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	36
3/8" / 1/2"	3/8" / 1/2"	3/8" / 1/2"	3/8" / 1/2"	42

Technical data Series 1A...

Pressure stage	PN 10
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