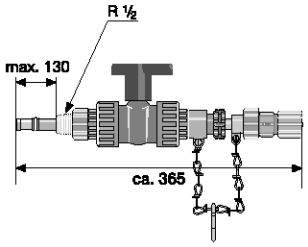
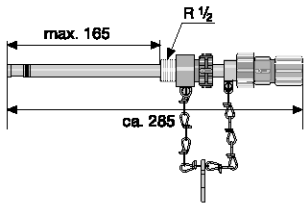
1.9.3 Injection Lances, Non-Return Valves for Low-Pressure Metering Pumps

PPE Injection Lance



pk_1_007



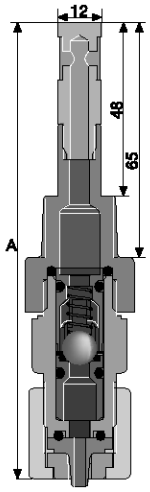
pk_1_062

For immersion depths of 20 - 165 mm, in large diameter pipe to prevent chemical deposition at the point of injection. Consists of spring-loaded metering valve, Hastelloy C spring, ceramic ball, adjustable immersion rod and hose valve. With connectors for all hose sizes used with solenoid metering pumps: 6/4, 8/5, 12/9, 10/4 and 12/6.

Type	Seal material	Max. pressure at 25 °C bar	Fig.	Order no.
PPE without stopcock	EPDM/silicone	6	pk_1_062	1021530
PPE with stopcock	EPDM/silicone	6	pk_1_007	1021531
PCB without stopcock	FKM/silicone*	6	pk_1_062	1021528
PCB with stopcock	FKM/silicone*	6	pk_1_007	1021529

* **Please note:** The product contains connections bonded with Tangit. Always note the durability of Tangit adhesive.

Short Injection Lance

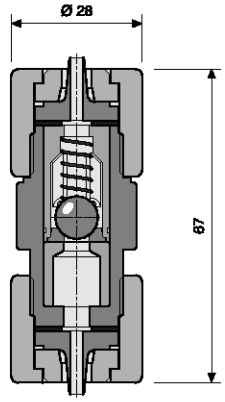


P_AC_0020_SW

Metering lance with universal connection kit, enabling the connection of different hose sizes of from 6/4 to 12/9. Hastelloy C spring, ceramic ball and silicone hose. Material of screwed socket: PVDF.

Type	Material, valve body	Max. pressure at 25 °C bar	Seal material	A mm	Fig.	Order no.
PPE	PP	16	EPDM	126	P_AC_0020_SW	1028383
PCB	PVC	16	FKM-B	126	P_AC_0020_SW	1028363
PVT	PVDF	16	PTFE	126	P_AC_0020_SW	1028081

PVDF Non-Return Valve for Hose Installation



P_AC_0181_SW

With connection kit on both sides for fitting in hose line.

With non-return ball, spring-loaded with Hastelloy C spring, prepressure approx. 0.5 bar.

PVDF housing, PTFE seals.

Different hose sizes from 6/4 to 12/9 can be joined using different connection kits.

Applications when using appropriate metering lines

25 °C - max. operating pressure 16 bar

45 °C - max. operating pressure 12 bar

Connection	oØ x iØ mm	A mm	Fig.	Order no.
6/4 for PE/PTFE line	6 x 4	67	P_AC_0181_SW	1030463
8/5 for PE/PTFE line	8 x 5	67	P_AC_0181_SW	1030975
10/4 for PE/PTFE line	10 x 4	67	P_AC_0181_SW	1030977
12/6 for PVC hose	12 x 6	67	P_AC_0181_SW	1030978
12/9 for PE/PTFE line	12 x 9	67	P_AC_0181_SW	1030976