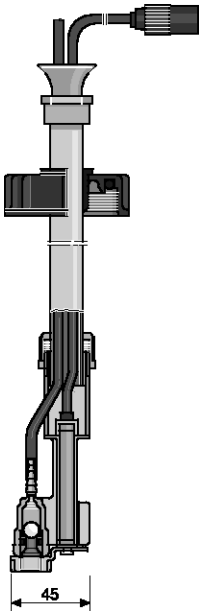
1.9.10 Suction Lances, Suction Assemblies with Two-Stage Level Switch

PPE Variable Suction Lance with Two-Stage Level Switch





pk_1_075

Variable suction lance with two-stage level switch for connection to 5 - 60 litre disposable tanks, comprising a support pipe, foot valve, level switch with round connector, height-adjustable screw cap and 2 m long suction line. Length 640 mm.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma/ X and delta® product ranges.

Note: The required screw cap Ø 44 is available as a spare part for container opening Ø 44 and can be swapped by the customer for screw cap Ø 50.

Material of retaining tube and foot valve	PP
Seal material	EPDM
Hose material	PE

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PP	6 x 4	PP for Ø 50 tank opening, suction hose	pk_1_075	802277
PP	8 x 5	PP for Ø 50 tank opening, suction hose	pk_1_075	802278
PP	12 x 9	PP for Ø 50 tank opening, suction hose	pk_1_075	790372

PCB Variable Suction Lance with Two-Stage Level Switch

Variable suction lance with two-stage level switch for connection to 5 - 60 litre disposable tanks, comprising a support pipe, foot valve, level switch with round connector, height-adjustable screw cap and 2 m long suction line. Length 640 mm.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma/ X and delta® product ranges.

Note: The required screw cap Ø 44 is available as a spare part for container opening Ø 44 and can be swapped by the customer for screw cap Ø 50.

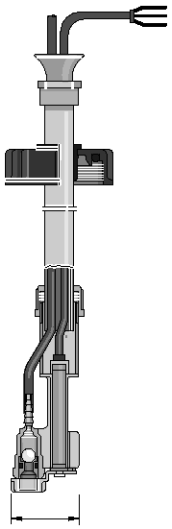
Material of retaining tube and foot valve	PVC
Seal material	FKM
Hose material	Soft PVC

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PVC	6 x 4	PVC for Ø 50 tank opening, suction hose	pk_1_075	802077
PVC	8 x 5	PVC for Ø 50 tank opening, suction hose	pk_1_075	802078
PVC	12 x 9	PVC for Ø 50 tank opening, suction hose	pk_1_075	790371

1.9 Hydraulic/Mechanical Installation Accessories

PCB Variable Suction Lance with Two-Stage Level Switch





P_AC_0234_SW1

640 mm long for connection to 5 – 60 litre disposable tanks, consisting of a foot valve, level switch with support pipe, height adjustable screw cap and 2 m long suction hose

For metering pump product range DF4a

Switching mode at liquid level low 2 x N/C

PCB Variable Suction Lance with Two-Stage Level Switch

Material of retaining tube and foot valve	PCB
Seal material	FPM
Hose material	Soft PVC

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PCB	6 x 4	PP for Ø 50 tank opening, suction hose	P_AC_0234_SW1	790650

Screw Cap



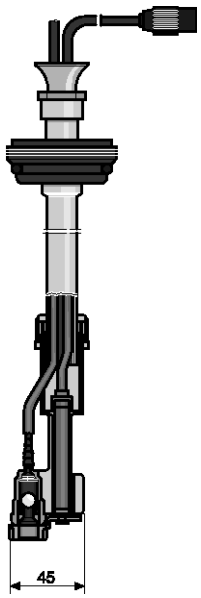
pk_1_066

For tanks with opening Ø 44, customers need to order the Ø 44 screw cap as a spare part to replace Ø 50 screw cap.

	Order no.
Ø 44 screw cap	811626

PPE Variable Suction Lance for 200 Litre Barrel with Two-Stage Level Switch





pk_1_076

Variable suction lance with two-stage level switch for connection to 200 litre barrel, comprising a support pipe, foot valve, level switch with round connector, height-adjustable sealing plug and 3 m long suction line. Length 1000 mm.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma/ X and delta® product ranges.

Note: Adapters for other threads are available on request

Material of retaining tube and foot valve	PP
Seal material	EPDM
Hose material	PE

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PP	6 x 4	PP for tank opening 2" DIN S 70 x 6, suction hose	pk_1_076	802279
PP	8 x 5	PP for tank opening 2" DIN S 70 x 6, suction hose	pk_1_076	802280
PP	12 x 9	PP for tank opening 2" DIN S 70 x 6, suction hose	pk_1_076	790374

PCB Variable Suction Lance for 200 Litre Barrel with Two-Stage Level Switch

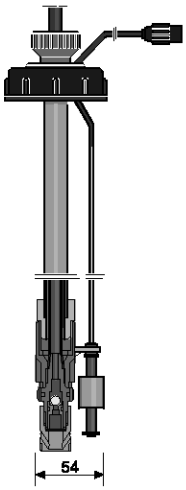
Material of retaining tube and foot valve	PVC
Seal material	FKM
Hose material	Soft PVC

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PVC	6 x 4	PVC for tank opening 2" DIN S 70 x 6, suction hose	pk_1_076	802079
PVC	8 x 5	PVC for tank opening 2" DIN S 70 x 6, suction hose	pk_1_076	802080
PVC	12 x 9	PVC for tank opening 2" DIN S 70 x 6, suction hose	pk_1_076	790373



PPE Suction Lance for 60 Litre Canister, Fixed Length, Gas-Tight, with Two-Stage Level Switch





P_AC_0052_SW

Variable suction lance with 2-stage level switch for connection to 60 litre canister, gastight, comprising a support pipe, foot valve, level switch with round connector and 2 m long suction line. Length 560 mm. Version with vent valve and bleed valve.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma/ X and delta® product ranges.

Material of retaining tube and foot valve	PP
Seal material	EPDM
Hose material	PE

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PP	6 x 4	PP for Ø 55 with suction hose	P_AC_0052_SW	802285
PP	8 x 5	PP for Ø 55 with suction hose	P_AC_0052_SW	802286
PP	12 x 9	PP for Ø 55 with suction hose	P_AC_0052_SW	802287

PCB Suction Lance for 60 Litre Canister, Fixed Length, Gas-tight, with Two-Stage Level Switch

Variable suction lance with 2-stage level switch for connection to 60 litre canister, gastight, comprising a support pipe, foot valve, level switch with round connector and 2 m long suction line. Length 560 mm. Version with vent valve and bleed valve.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma/ X and delta® product ranges.

Material of retaining tube and foot valve	PVC
Seal material	FKM
Hose material	Soft PVC

Material	Hose o Ø x i Ø mm		Fig.	Order no.
PVC	6 x 4	PVC for Ø 55 with suction hose	P_AC_0052_SW	802081
PVC	8 x 5	PVC for Ø 55 with suction hose	P_AC_0052_SW	802082
PVC	12 x 9	PVC for Ø 55 with suction hose	P_AC_0052_SW	802083

*** Caution:** The product contains adhesive joints with Tangit. Please note the resistance of Tangit adhesive.

PVDF Suction Lance with Two-Stage Level Switch



P_AC_0250_SW

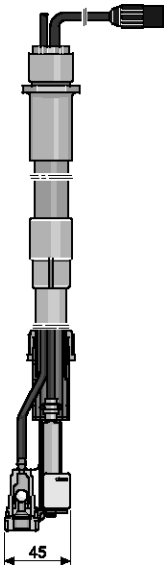
Fixed length suction lance made of PVDF with two-stage level switch, consisting of PVDF support pipe, foot valve and two-stage level switch with open end. Suction hose PTFE 8 x 6 mm; a suitable connector kit is included in the scope of delivery.

	Length mm	Order no.
PVDF Suction Lance	350	1038304
PVDF Suction Lance	650	1038305



Variable Suction Assembly for 35 to 1,000 Litre Storage Tanks with Two-Stage PPE Level Switch





pk_1_077

Variable suction lance with two-stage level switch for connection to 35 to 1,000 litre tanks, comprising a support pipe, foot valve, level switch with 3-pin round connector and 2 m long suction line, or 3 m with 1,000 litre tanks. Adjustable length.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma and delta® product ranges.

Material of retaining tube and foot valve	PP
Seal material	EPDM
Hose material	PE

Support pipe length mm	Hose o Ø x i Ø mm	For tank	Fig.	Order no.
375 – 550	6 x 4	35, 60 l	pk_1_077	790365
375 – 550	8 x 5	35, 60 l	pk_1_077	790366
375 – 550	12 x 9	35, 60 l	pk_1_077	790367
655 – 1060	6 x 4	100, 140, 250, 500 l	pk_1_077	790368
655 – 1060	8 x 5	100, 140, 250, 500 l	pk_1_077	790369
655 – 1060	12 x 9	100, 140, 250, 500 l	pk_1_077	790370
1085 – 1425	6 x 4	1000 l	pk_1_077	790465
1085 – 1425	8 x 5	1000 l	pk_1_077	790466
1085 – 1425	12 x 9	1000 l	pk_1_077	790467

Variable Suction Assembly for 35 to 1,000 Litre Tanks with Two-stage PCB Level Switch

Variable suction lance with two-stage level switch for connection to 35 to 1,000 litre tanks, comprising a support pipe, foot valve, level switch with 3-pin round connector and 2 m long suction line, or 3 m with 1,000 litre tanks. Adjustable length.

Switch mode when liquid level low: 2 x N/C

Suitable for metering pumps of the Beta®, gamma and delta® product ranges.

Material of retaining tube and foot valve	PVC
Seal material	FKM
Hose material	Soft PVC

Support pipe length mm	Hose o Ø x i Ø mm	For tank	Fig.	Order no.
375 – 550	6 x 4	35, 60 l	pk_1_077	790359
375 – 550	8 x 5	35, 60 l	pk_1_077	790360
375 – 550	12 x 9	35, 60 l	pk_1_077	790361
655 – 1060	6 x 4	100, 140, 250, 500 l	pk_1_077	790362
655 – 1060	8 x 5	100, 140, 250, 500 l	pk_1_077	790363
655 – 1060	12 x 9	100, 140, 250, 500 l	pk_1_077	790364
1085 – 1425	6 x 4	1000 l	pk_1_077	790462
1085 – 1425	8 x 5	1000 l	pk_1_077	790463
1085 – 1425	12 x 9	1000 l	pk_1_077	790464