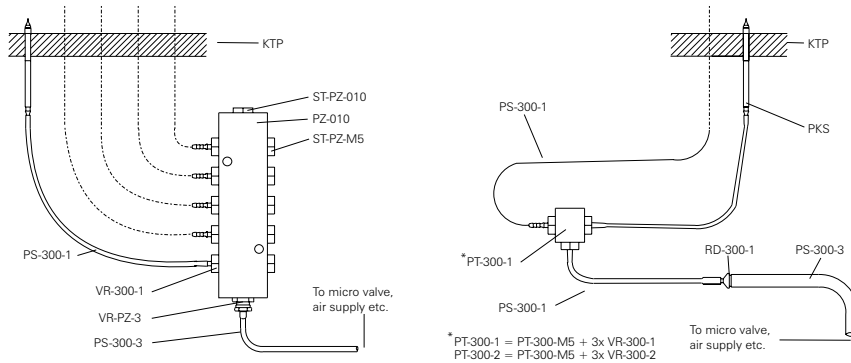


Pneumatic Test Probes can be actuated and controlled individually or in groups.

## Possible set-up and layout:



## General Notes:

To connect up Pneumatic Probes, a compressed-air hose with a normal width of 1 mm (NW1) or 2 mm (NW2) is necessary. A range of adapters (see table below) are offered to establish air feed lines from commercially available compressed-air hose NW3 or from compressed-air distributors with threaded terminals M5.

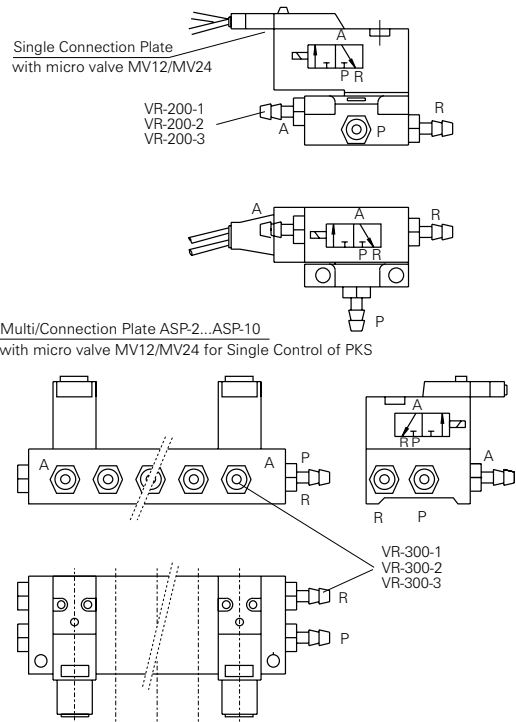
The hose NW1 should only be used for short distances. The larger diameter of 3 mm guarantees good Operating Pressure.

The electrical connection is established by first soldering the wire to the Clip KL-300 and then fixing the Clip onto the end of the Pneumatic Probe. (Refer to marked positions in the drawings on the previous data sheets).

To avoid damage to the ends of the hose, only use a special cutter tool.

The various connections plates are controlled via micro-valves. Instead of a micro-valve a sealing plate (DP-1) can be used to seal the air outlet holes.

Item	tech. Designation	Order No.
Reducer piece	NW 3 / NW 1	RD-300-1
Reducer piece	NW 1 / NW 2	RD-300-1-2
Reducer piece	NW 3 / NW 2	RD-300-2
Threaded Terminal	M 5 / NW 1	VR-300-1
Threaded Terminal	M 5 / NW 2	VR-300-2
Threaded Terminal	M 5 / NW 3	VR-300-3
Threaded Terminal	M 3 / NW 1	VR-200-1
Threaded Terminal	M 3 / NW 2	VR-200-2
Threaded Terminal	M 3 / NW 3	VR-200-3
T-Piece (without Threaded Term.)	3 x M 5	PT-300-M5
T-Piece incl. 3 x VR-300-1	3 x NW 1	PT-300-1
T-Piece incl. 3 x VR-300-2	3 x NW 2	PT-300-2
Ten-fold Distributor	10 x M 5	PZ-010
Compressed-air Hose, Ø <sub>i</sub> 1,2; Ø <sub>o</sub> 2,0	NW 1	PS-300-1
Compressed-air Hose, Ø <sub>i</sub> 2,0; Ø <sub>o</sub> 3,9	NW 2	PS-300-2
Compressed-air Hose, Ø <sub>i</sub> 2,9; Ø <sub>o</sub> 4,3	NW 3	PS-300-3
Special Cutting Tool		SS-010
Dummy Plug for Distributor	B1/8	ST-PZ-010
Dummy Plug for Distributor	M 5	ST-PZ-M 5
Plug for Distributor	M 5-1/8a	ST-PZ-VR
Terminal for Hose NW 3	NM 5-PK 3	VR-PZ-3
Terminal for Hose NW 4	NM 5-PK 4	VR-PZ-4
3/2 Micro-Valve 12V (0,95 W)		MV 12
3/2 Micro-Valve 24V (0,95 W)		MV 24
Single-connection Plate	for 1 Valve	ASP-1
Multi-connection Plate	for 2-10 Valves	ASP-X
Sealing Plate	for conn. Plate	DP-1
Silencer	M3	28574
Silencer	M5	3981

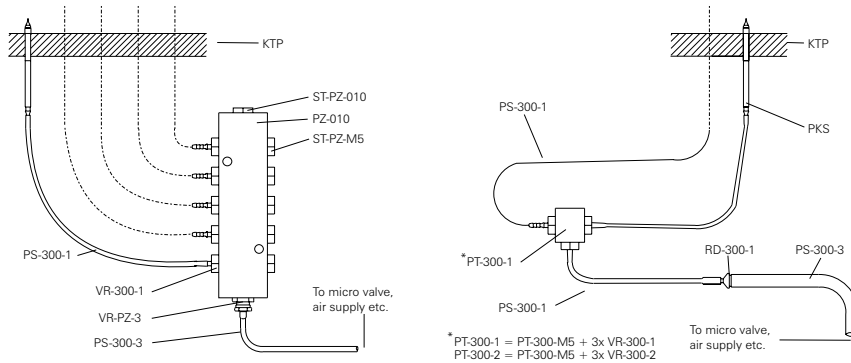


**Ordering Example:** To activate and control 5 pcs. Series PKS-300 simultaneously

5	PKS-300 xxx xxx x xx02 x	
x m	PS-300-1	Compressed-air Hose NW 1
1	PZ-010	Ten-fold Distributor
1	ST-PZ-010	Dummy Plug
1	VR-PZ-3	Terminal for Hose NW 3
5	VR-300-1	Terminal for Hose NW 1
x m	PS-300-3	Compressed-air Hose NW 3
1	MV 24	Micro-Valve 24V (incl. Stecker)
1	ASP-1	Single-connection Plate MV
2	VR-200-3	Terminal for Hose NW 3
5	ST-PZ-M5	Dummy Plug for Distributor

Pneumatic Test Probes can be actuated and controlled individually or in groups.

## Possible set-up and layout:



## General Notes:

To connect up Pneumatic Probes, a compressed-air hose with a normal width of 1 mm (NW1) or 2 mm (NW2) is necessary. A range of adapters (see table below) are offered to establish air feed lines from commercially available compressed-air hose NW3 or from compressed-air distributors with threaded terminals M5.

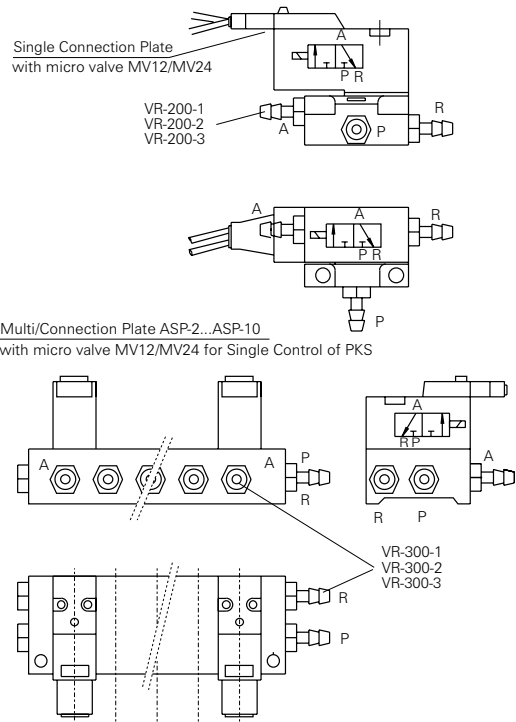
The hose NW1 should only be used for short distances. The larger diameter of 3 mm guarantees good Operating Pressure.

The electrical connection is established by first soldering the wire to the Clip KL-300 and then fixing the Clip onto the end of the Pneumatic Probe. (Refer to marked positions in the drawings on the previous data sheets).

To avoid damage to the ends of the hose, only use a special cutter tool.

The various connections plates are controlled via micro-valves. Instead of a micro-valve a sealing plate (DP-1) can be used to seal the air outlet holes.

Item	tech. Designation	Order No.
Reducer piece	NW 3 / NW 1	RD-300-1
Reducer piece	NW 1 / NW 2	RD-300-1-2
Reducer piece	NW 3 / NW 2	RD-300-2
Threaded Terminal	M 5 / NW 1	VR-300-1
Threaded Terminal	M 5 / NW 2	VR-300-2
Threaded Terminal	M 5 / NW 3	VR-300-3
Threaded Terminal	M 3 / NW 1	VR-200-1
Threaded Terminal	M 3 / NW 2	VR-200-2
Threaded Terminal	M 3 / NW 3	VR-200-3
T-Piece (without Threaded Term.)	3 x M 5	PT-300-M5
T-Piece incl. 3 x VR-300-1	3 x NW 1	PT-300-1
T-Piece incl. 3 x VR-300-2	3 x NW 2	PT-300-2
Ten-fold Distributor	10 x M 5	PZ-010
Compressed-air Hose, Ø <sub>i</sub> 1,2; Ø <sub>o</sub> 2,0	NW 1	PS-300-1
Compressed-air Hose, Ø <sub>i</sub> 2,0; Ø <sub>o</sub> 3,9	NW 2	PS-300-2
Compressed-air Hose, Ø <sub>i</sub> 2,9; Ø <sub>o</sub> 4,3	NW 3	PS-300-3
Special Cutting Tool		SS-010
Dummy Plug for Distributor	B1/8	ST-PZ-010
Dummy Plug for Distributor	M 5	ST-PZ-M 5
Plug for Distributor	M 5-1/8a	ST-PZ-VR
Terminal for Hose NW 3	NM 5-PK 3	VR-PZ-3
Terminal for Hose NW 4	NM 5-PK 4	VR-PZ-4
3/2 Micro-Valve 12V (0,95 W)		MV 12
3/2 Micro-Valve 24V (0,95 W)		MV 24
Single-connection Plate	for 1 Valve	ASP-1
Multi-connection Plate	for 2-10 Valves	ASP-X
Sealing Plate	for conn. Plate	DP-1
Silencer	M3	28574
Silencer	M5	3981



**Ordering Example:** To activate and control 5 pcs. Series PKS-300 simultaneously

5	PKS-300 xxx xxx x xx02 x	
x m	PS-300-1	Compressed-air Hose NW 1
1	PZ-010	Ten-fold Distributor
1	ST-PZ-010	Dummy Plug
1	VR-PZ-3	Terminal for Hose NW 3
5	VR-300-1	Terminal for Hose NW 1
x m	PS-300-3	Compressed-air Hose NW 3
1	MV 24	Micro-Valve 24V (incl. Stecker)
1	ASP-1	Single-connection Plate MV
2	VR-200-3	Terminal for Hose NW 3
5	ST-PZ-M5	Dummy Plug for Distributor