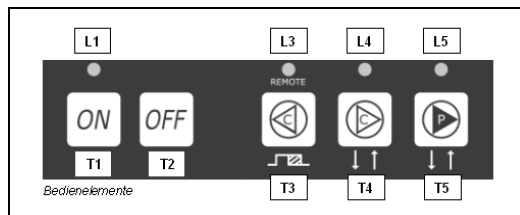


## PP05 Pump control unit - operating elements



L1	ON display
L3	Keyboard lock display
L4	Rinsing display
L5	Pumping display

T1	ON key	T4	Rinsing key
T2	OFF key	T5	Pumping key
T3	Remote key		

## PP05 Pump control unit parameterization

The PP05 Pump control unit parameterization takes place according to following table. The parameterization of the equipment can be identified by the illumination of the LEDs L1, L3, L4 and L5.

Function	Operation	Key	LED illuminates 1 sec. on start, if:	LED
Start pumping procedure	Press the key T5		The conveying direction is set as by factory	L5
Change the conveying direction	Press the key T5 for 5 secs.		The suction direction is set as by factory	L5
Start rinsing procedure in conveying direction	Press the key T4		The suction direction is set as by factory	L4
Start rinsing procedure in suction direction	Press the key T3		The suction direction is set as by factory	L4
Deactivate/activate the after-conveying	Press the key T3 for 5 secs.		The after-conveying is activated	L3
Deactivate/activate the level sensor delay	Press the keys T4 and T5 for 5 secs.		The level sensor delay is 3 secs.	L1
Maintenance interval reset	Press the keys T3 and T4 for 5 secs.			L1-L5



### Attention:

The PP05 Powder pump must be equipped with new pinch valve hoses after ~ 5 million cycles (see therefore the operating manual)!

## Guide values for the conveying adjustment

The compressed air supply must amount to 6-8 bar and the grounding must be assured!

Variant	Suction distance [m]	Conveying distance [m]	Suction vacuum [bar]	Conveying air [bar]	Powder hose emptying/ after-conveying activated
1	2	5	2	3	recommended
2	2	25	2	5	recommended
3	6	5	4	3	recommended
4	6	25	4	5	recommended
5	2	2	2	2	not necessary

## External control

The PLC control takes place by the **Control/PLC (2.3)** connector, the level sensor control by the **Level sensor (2.4)** connector and with 230 VAC by the **Power IN (2.1)** connector.

Input "Pumping", "Level sensor" or "System"	Input "Rinsing"	Function
0	0	---
1	0	Pumping procedure
0	1	Rinsing procedure
1	1	Back-pumping