

TSZ-M operating manual

Maintenance, assembly

The device requires no maintenance.

Before installing clean the pressure connection – use non-aggressive cleaning solution.

The devices may only be installed, used and serviced by people are familiar with this manual, as well as the valid regulations for work safety and accident prevention.

The system has been be filled in vacuum and any air inside the system would spoil its function.

Don't open the filling plug, which is sealed and marked with red colour painting.

Any leakage of filling fluid would cause dysfunction of pressure switch.

Handle carefully with the diaphragm and protect it from hard and sharp objects (Don't touch the diaphragm with hard and sharp instruments!)

The protection cap is to be removed just before the installation.

For cleaning the diaphragm:

Only the clean water, solvents, soft textile or soft brush is to be used!

Electrical connection:

DIN 43650 2-wire		DIN 43650 3-wire			
1	supply +	1	supply +		
2	supply -	2	supply -		
3	-	3	signal (output)		
4	-	4	⊥		

Load:	2-wire: $R_z = (U_{supp} - 8V) / I_{out}$ 3-wire: $R_z = (U_{supp} - 3V) / I_{out}$ R_z - load resistance [$k\Omega$], U_{supp} – supply voltage [V], I_{out} – output current [mA]
--------------	---

DIN 43650 scheme:

