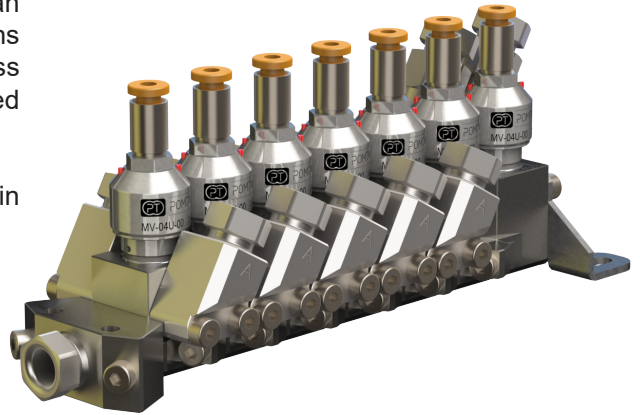


Field of application

POMTAVA's range of compact color changers is based on the new «MV» type micro-valve, available in lip seal or bellows version (for hardener type products). Its design allows an installation on a robot arm thanks to its compact dimensions and very light weight. Its modular construction in stainless steel ensures a very long life. Everything has been designed for easy installation and maintenance.

The new range of POMTAVA color changers is available in several versions:

- **Type 4101** **1 input per block / 1 channel**
- **Type 4103** **2 inputs per block / 1 channel**
- **Type 4106** **2 inputs per block / 2 channels**
- **Type 4106-MIX** **A/B Mixer / 2 separate channels**



Each inlet block can be configured with or without recirculation (piloted or direct), for pipes up to Ø8/10mm, with or without non-return valve. As an option, the pressure regulator type PT-REG can be directly integrated into the color changer. The whole system can then be used as a standalone unit or connected to the gear pump to offer a complete and compact system. This way you only have one technical partner for all the devices.

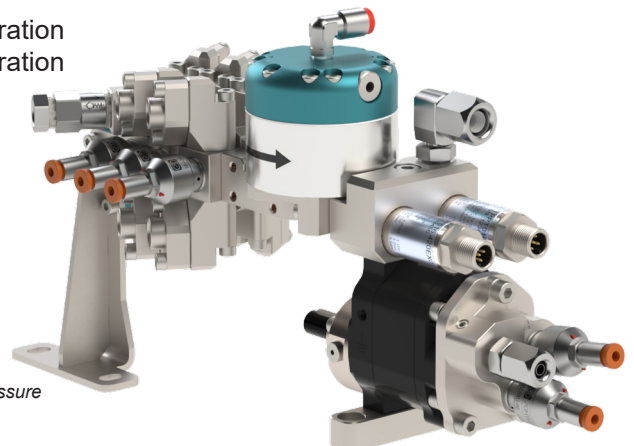
The new range is on average **40% more compact** and **50% lighter** than our existing 4001 / 4003 / 4006 range.

Technical data

Type	Compact color changer type 4101 / 4103 / 4106
Products	Paints, solvents, hardeners
Valve type	Patented microvalves MV-04U (lip seals) or MV-04S (bellows)
Permissible inlet pressure	With MV-04U = max. 20 bar With MV-04S = max. 8 bar
Main channel	Ø5mm for valves with needle Ø4mm
Flowrate	up to 5 l/min, depending on viscosity
Operating temperature	-20°C to +135°C (MV-04S = +40°C)
Control pressure of the valves	5- 10 bar
Main blocks	stainless steel
Connection blocks	Stainless steel
Valves	see data sheet for MV type valves
Connection for pipes	up to Ø 8/10 mm
Control air connection	M5, on the valve.
Dimensions	according to configuration
Weight	according to configuration

ATEX Certification

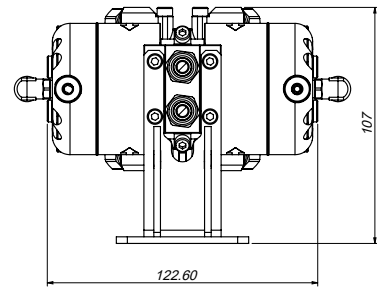
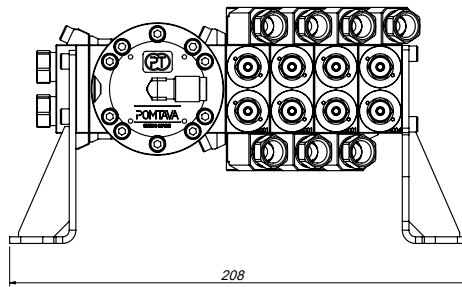
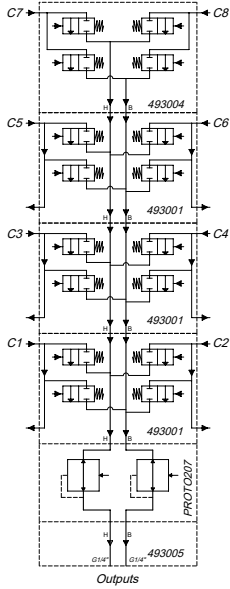
ATEX marking	II 2G Ex h IIB T4 Gb
--------------	----------------------



Example of a complete system (4-color color changer type 4103, PT-REG pressure regulator, RPPT3-4-3 4.5cc pump and TPPT pressure transmitters)

Configuration examples

Color changer type 4106, 6 recirculated colors + air/ solvent, with 2 PT-REG pressure regulators at the outlet.
Weight : 4 Kg



Color changer type 4103, 16 recirculated colors + air/solvent with anti-return. Weight : 3 Kg

