

QTIS – TRIPLE PRESSURE VALVE BLOCK ASSEMBLY

November 2025

Triple-pressure valve block for tractors and trailers

The QTIS-TPVBA triple-pressure valve island offers easy control over tyre inflation and deflation. Available in four-way and six-way versions, for voltages of 12 VDC or 24 VDC.

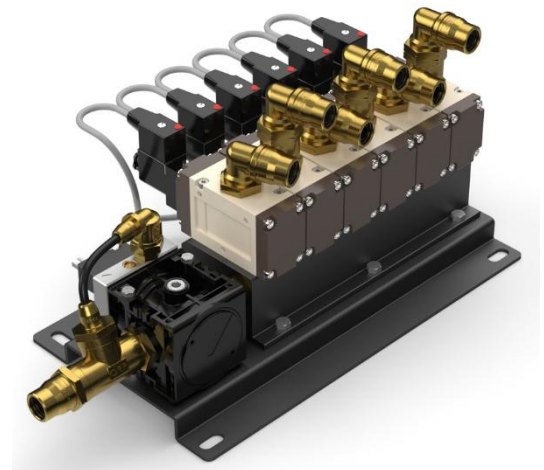
The triple-pressure valve (17) provides an adjustable pressure of 4 bar to 6 bar as the standard pressure for tyre inflation. When electrically operated, it transmits the available upstream system pressure of 7-10 bar. When the air supply is stopped, the valve island vents all airlines to depressurize the entire system.

When a control valve (15) is electrically operated, compressed air is connected to the QTIS-WVA wheel valve, which performs the inflation or deflation function, depending on the selected air pressure.

The large valve capacity allows for rapid tyre inflation, but is dependent on the system capacity of the compressor and compressed air tanks. The assembly is mounted on a base plate (8) and can be optionally fitted with cables or connectors.*

The pre-assembled brake fittings (13, 14) have a hose connection size of Ø16 X 2mm. The mounting plate (16) and fittings can be adapted to your vehicle, enabling quick installation and reducing the number of parts required.

*Wiring available upon request; not included in the scope of delivery.

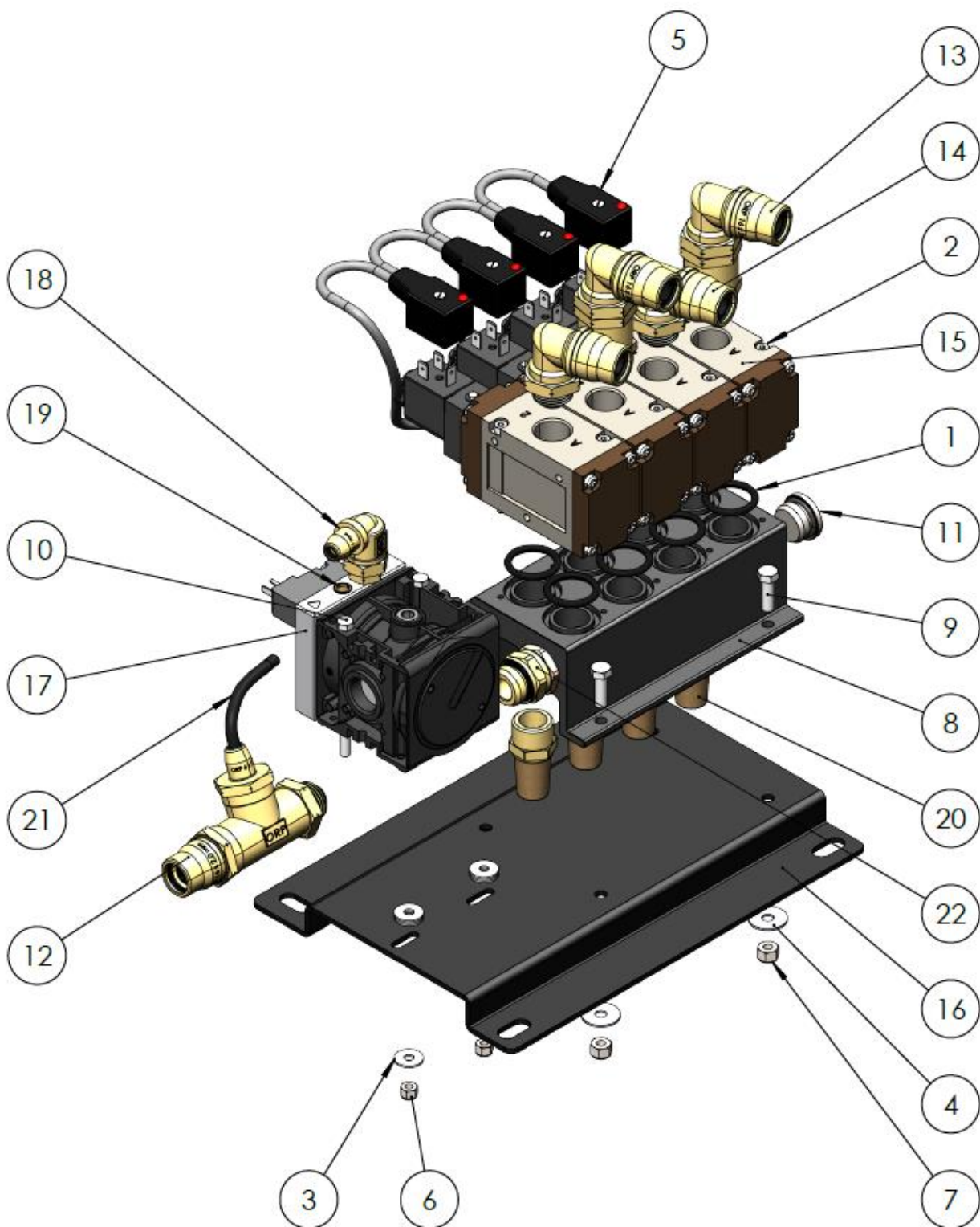


Properties

Triple-pressure valve capacity	8000NI/min	
3/2 NC control valve capacity	1800NI/min	
Compressed air pressures	4-10bar / 0,4-1,- kPa	ISO8573-1: 3-4-4
Ambient temperatures	-20°C / +85°C	
Voltage / Wattage	12 or 24 VDC	3W, 100% ED
Coil sizes	DIN43650-B 11mm 3/2 NC valve	EN 175301-803
	DIN43650-C Triple-pressure valve	
Coils	Class F / IP65	
Max. Cycli / Reaction speeds	5s / 0,05s	

ARTICLE NUMBER	NUMBER OF VALVES / WHEELS	VOLTAGE
QTIS-DPVBA-4-12	4	12 VDC
QTIS-DPVBA-4-24	4	24 VDC
QTIS-DPVBA-6-12	6	12 VDC
QTIS-DPVBA-6-24	6	24 VDC

STEP-files are available for download on www.qtis.nl; the complete bill of materials, installation manual and prices are available on request.





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