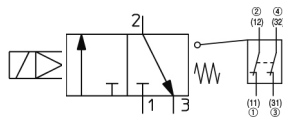


## VP544/744-X555/585, Dual Residual Pressure Release Valve with Soft Start-up Function, ISO13849-1 VP544-5YZ1-03F-M-X555

Datasheet

### General series information

- Safety Standards ISO13849-1 for Category 3 and 4
- With soft start-up function
- Valve position energised/de-energised can be detected
- Redundancy
- Selectable throttle (Ø 1, Ø 1.5, Ø 2), selectable safety limit switch
- Modular connection to FRL unit.



*Directional control valve 3/2-way valve, closed normal position with a combined control by solenoid valve and pilot valve and with a safety limit switch, made by OMRON*

### Standard specifications

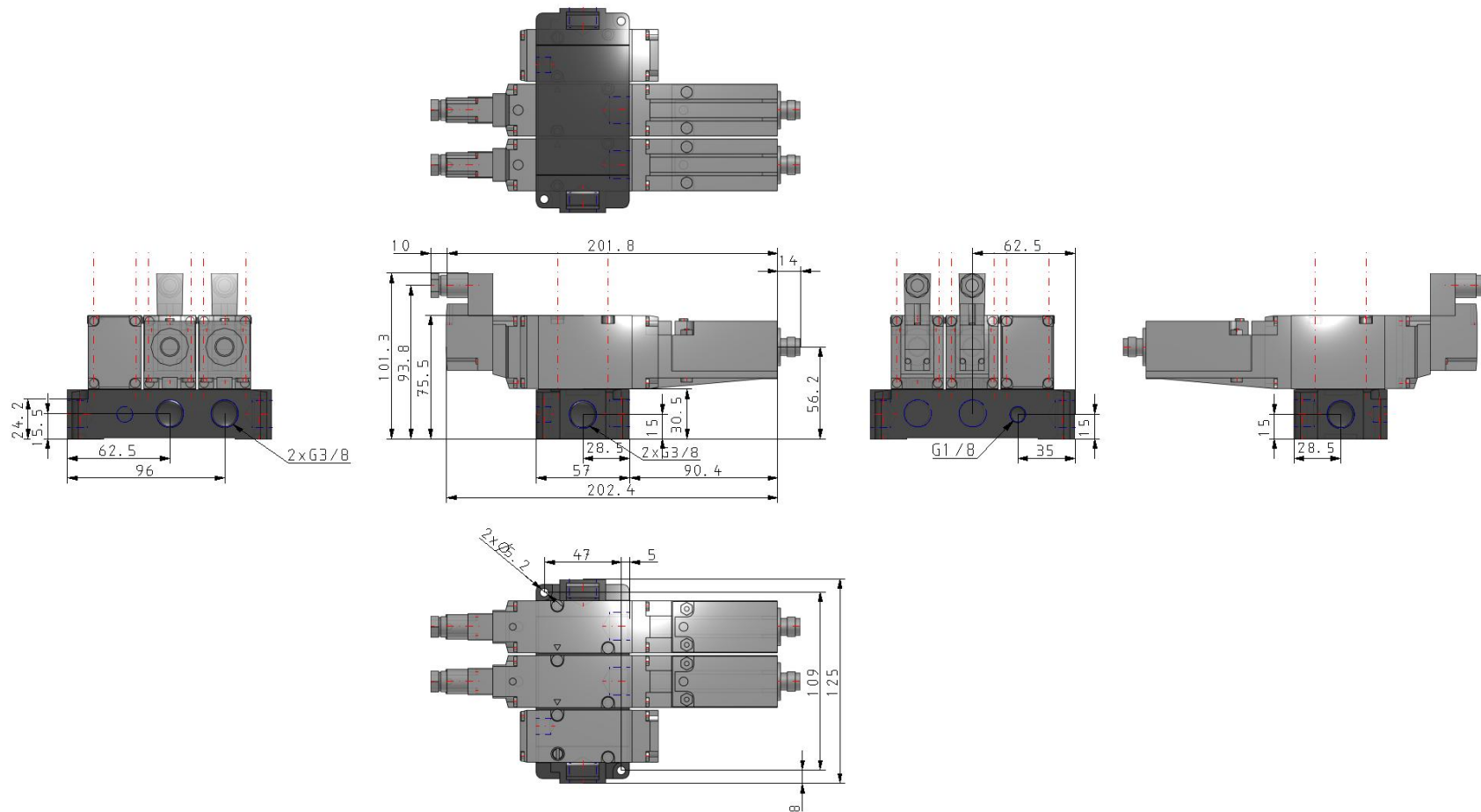
Model	5 (VP500)
Pilot	Internal Pilot
Electrical Entry	Y [DIN Terminal (EN175301-803)]
Port Size	03 (3/8")
Thread	F (G)
Switch Electrical Entry	M (M12 - OMRON)
Check Valve	None
Throttle	Variable Throttle
Max. Operating Pressure	X555 (0.7 MPa)
Pressure medium	Air
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.25 MPa
Maximum ambient temperature	50 °C
Minimum ambient temperature	-10 °C
Enclosure	IP65
Maximum operating frequency	30 cycles/minute
Minimum operating frequency	1 cycle/week

Weight

1.105 Kg

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# Dimensions



## Additional information

Catalogue	<a href="#">VP-VG-B_EU.pdf</a>
Declaration of conformity	<a href="#">newDoC_VP500_TF1Z304EN.pdf</a>
Installation manuals	<a href="#">IM_VP500_TF2Z495EN-A.pdf</a>