

Rep → news

2025-03-25
#004

Content

Consolidation of the Safety Solenoid Valves MVD in the flanged versions DN 40 - DN 50

Technical questions?

Please ask our Supportcenter: supportcenter@dungs.com or +49 7181-804-804

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2025-03-25 | #004

Consolidation of the Safety Solenoid Valves MVD in the flanged versions DN 40 – DN 50

In addition to the consolidation of the MVD threaded versions Rp 3/8" to Rp 2 1/2" also to MVD flanged versions DN 40 – DN 50 will be phased out and replaced by new established order numbers. The phase out will take place by the end of Q2/2025 (June 30th, 2025).

There will be a last time buy option until April 30th, 2025.

Spare parts for the previous MVD flanged versions will be available until the end of Q4/2025 (Dec. 31st, 2025).

Accessories like the K01 limit switch will fit to the new established portfolio as well.

The new established order numbers of the Safety Solenoid Valves MVD flanged versions will be available for sale from May 1st, 2025.

The pricing structure has already been announced. Gross prices will remain similar to the previous versions.

The new established order numbers of the MVD flanged versions have the same features as the threaded versions.

- 500 mbar (50kPa) max. operating pressure
- 24 VDC, 110 VAC and 230 VAC mains voltage
- Degree of protection IP54

The CAD models on Traceparts will be updated in the next couple of weeks with the new material numbers.

In addition the design of the connection box and circuit board will be slightly modified and the same for each variant. The connection box will have a transparent cover and the PCB will have an LED and a new terminal for wiring. The push-in functionality allows a valve to be wired through another valve, there is enough space for two wires per terminal.

The black cover of the connection box, the screw terminals will disappear.



New PCB with LED and new push-in terminal



New connection box

2025-03-25 | #004

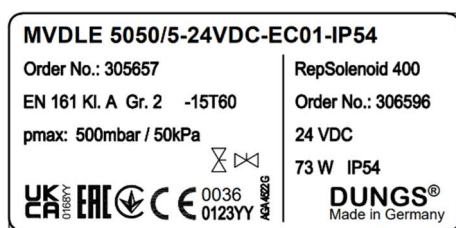
The new nomenclature looks like this:

Option	Description
MVD	Single-stage safety solenoid valve, normally closed, fast opening, fast closing, manual limitation of flowing gas volume by adjusting main volume.
MVDLE	Single-stage safety solenoid valve, normally when closed, slow opening, fast closing. Opening time adjustment with fast stroke range. Main volume adjustment.
50	500 mbar (50 kPa)/7 psi max. operating pressure
40	DN 40, nominal diameter 40
50	DN 50, nominal diameter 50
/5	European version, K01 closed position signal contact optional mountable
-24 VDC	Mains voltage 24 VDC
-110 VAC	Mains voltage 110 VAC; 50/60 Hz
-230 VAC	Mains voltage 230 VAC; 50/60 Hz
-EC01	Electrical connection: Push-in terminal via M20
-EC05	Electrical connection: plug accordance to DIN EN 175301-803
-IP54	Degree of protection IP54

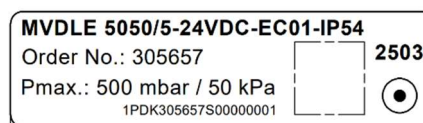
Example: **MVD 5050/5-230VAC-EC05-IP54**

A special feature is the new type label on the solenoid. The information about the valve is on the left-hand side and the information about the solenoid and the order number of the replacement solenoid is on the right-hand side on the label.

All new valves will get these new designed type labels.



Label on the solenoid



Label on the valve body

Affected products & Phase-out list

Below is a list of affected Safety Solenoid Valves MVD(LE) DN 40 – DN 50 and the phase-out list of the current flanged versions to the new established order numbers. The comparison is based on the nominal size and mains voltage of the valves. Every current version will have a successor of the new established order numbers. Missing versions in opening behaviour, mains voltage or electrical connections in the nominal diameter DN 40 – DN 50 are on demand, please contact: [Stefan Schönebeck](#)

2025-03-25 | #004

Material Number Phase-Out Product	Material Description Phase-Out Product		Material Number Successor Product Part 1	Material Description Successor Product Part 1
111146	MVD 2040/5 230 VAC IP 54	→	305654	MVD 5040/5-230VAC-EC01-IP54
111906	MVD 2040/5 230 VAC IP 54 MAG.NR.300	→	305654	MVD 5040/5-230VAC-EC01-IP54
170660	MVD 5040/5 230 VAC IP 54	→	305654	MVD 5040/5-230VAC-EC01-IP54
111914	MVDLE 2040/5 230 VAC IP 54	→	305656	MVDLE 5040/5-230VAC-EC01-IP54
111187	MVD 2050/5 230 VAC IP 54	→	305657	MVD 5050/5-230VAC-EC01-IP54
170690	MVD 5050/5 230 VAC IP 54	→	305657	MVD 5050/5-230VAC-EC01-IP54
111195	MVDLE 2050/5 230 VAC IP 54	→	305658	MVDLE 5050/5-230VAC-EC01-IP54
222087	MVDLE 5050/5 AC 230V IP 54	→	305658	MVDLE 5050/5-230VAC-EC01-IP54
209650	MVD 5050/5 24-28 VDC	→	305659	MVD 5050/5-24VDC-EC01-IP54

Next Steps

Despite the short period of time, because there are only 9 order numbers with lower sales, please inform your customers about this phase-out of MVD single-stage Safety Solenoid Valves in the flanged versions and offer them the last time buy option or discuss the successor possibilities.