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Content

Phase out of the MV single-stage safety solenoid valves in the flanged versions DN 65 - DN 150

Technical questions?

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

RepNews created by

Stefan Schönebeck

Product Manager

s.schoenebeck@dungs.com

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Phase out of the MV single-stage safety solenoid valves in the flanged versions DN 65 – DN 150

With the market launch of the new single shut-off valve series MBE-S the phase out of the MV single-stage safety solenoid valves in the flanged versions DN 65 – DN 150 will take place by end of Q2/2024 (June 30th, 2024). There will be a last time buy possibility until end of Q1/2024 (March 31st, 2024).

Spare parts and accessories of the MV single-stage safety solenoid valves will be available until the end of Q4/2024 (Dec. 31st 2024).

The new MBE-S brings all the benefits of the MBE to the DUNGS single shut-off valve portfolio.

The attached presentation to this RepNews 2023-017 shows all benefits of the MBE-S versus the MV range.

The MBE-S covers the DN 65 - DN 150 range and is available since August 14th, 2023.

MBE-S consists of the ValveDrive (VD) and the new single-valve ValveBody (VB-S). To limit the main flow, the “MBE-SD Manual Flow Adjustment” can be fitted as an option. For this option the standard MBE Valve Body (VB) is needed.



Affected products and replacement possibilities

Here are the affected products:

170930	MVDLE 2065/5 230 VAC IP 54	169410	MVD 2100/5 230 VAC IP 54
256177	MVD 2065/5 S02 SGV 230 VAC IP 65	256179	MVD 2100/5 S02 SGV 230 VAC IP 65
256099	MVD 2065/5 S02 SGN 230 VAC IP 65	253021	MVD 2100 S02 X 230 VAC IP54
157230	MVD 2065/5 S02 230 VAC IP 54	209038	MVD 2100/5 110 VAC IP 54
169390	MVD 2065/5 230 VAC IP 54	253031	MVD 5100 S02 X 230 VAC IP54
256343	MVD 2065/5 110 VAC IP 65	166150	MVD 5100/5 230 VAC IP 54
210323	MVD 2065/5 110 VAC IP 54	240412	MVD 5100/5 230 VAC IP 65
253019	MVD 2065 S02 X 230 VAC IP54	211881	MVD 5100/5 230 VAC IP 54 Schalthäufigk.4
165510	MVD 5065/5 230 VAC IP 54	256200	MVD 2100/5 S02 SGV 24VDC (vib) IP65
231101	MVD 5065/5 AC 110V IP 54	254932	MVD 2100/5 S02 SGN 24VDC (vib) IP65

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253026	MVD 2065 S02 X 24 VDC IP54	247462	MVD 2100/5 S02 24-28 VDC IP 65
172250	MVD 2065/5 24-28 VDC IP 65	172270	MVD 2100/5 24-28 VDC IP 65
247465	MVD 2065/5 S02 24-28 VDC IP 65	253028	MVD 2100 S02 X 24 VDC IP54
256196	MVD 2065/5 S02 SGV 24 VDC (vib) IP65	246092	MVD 5100/5 24-28 VDC IP 54
256191	MVD 2065/5 S02 SGN 24 VDC (vib) IP65	288134	MVD 5100/5 24-28 VDC IP 65
262839	MVD 5065/5 24-28 Vdc IP 65 vib	294644	MVD 5100 S02 X 24 VDC IP54
170940	MVDLE 2080/5 230 VAC IP 54	159830	MVD 2125/5 230 VAC IP 54
256178	MVD 2080/5 S02 SGV 230 VAC IP 65	253022	MVD 2125 S02 X 230 VAC IP54
252707	MVD 2080/5 S02 SGN 230 VAC IP 65	198970	MVD 2125/5 S02 230 VAC IP 54
212196	MVD 2080/5 S02 230 VAC IP 54	242782	MVD 5125/5 230 VAC IP 65
169400	MVD 2080/5 230 VAC IP 54	159840	MVD 5125/5 230 VAC IP 54
157090	MVD 2080/5 110 VAC IP 54	224681	MV 5125/5 S S02 230 VAC IP 54
253020	MVD 2080 S02 X 230 VAC IP54	253032	MV 5125 X 230 VAC IP54
165640	MVD 5080/5 230 VAC IP 54	253029	MVD 2125 S02 X 24 VDC IP54
242715	MVD 5080/5 230 VAC IP 65	247464	MVD 2125/5 S02 24-28 VDC IP 54
231102	MVD 5080/5 AC 110V IP 54	212638	MVD 2150/5 S02 230 VAC IP 54
256197	MVD 2080/5 S02 SGV 24 VDC (vib) IP65	160050	MVD 2150/5 230VAC IP54
254351	MVD 2080/5 S02 SGN 24 VDC (vib) IP65	253023	MVD 2150 S02 X 230 VAC IP54
247463	MVD 2080/5 S02 24-28 VDC IP 65	253033	MV 5150 X 230 VAC IP54
172260	MVD 2080/5 24-28 VDC IP 65	224682	MV 5150/5 S S02 230 VAC IP 54
253027	MVD 2080 S02 X 24 VDC IP54	160350	MVD 5150/5 230 VAC IP 54
262840	MVD 5080/5 24-28 Vdc IP 65 vib	231748	MVD 2150/5 S02 24-28 VDC IP 54
170950	MVDLE 2100/5 230 VAC IP 54	253030	MVD 2150 S02 X 24 VDC IP54
252708	MVD 2100/5 S02 SGN 230 VAC IP 65	246377	MV 5150/5 S02 24-28 VDC IP 54 Viton
212371	MVD 2100/5 S02 230 VAC IP 54	242757	MV 5150/5 S02 24-28 VDC IP 54




The MV..S02 can also be replaced by the MBE-S in the standard version. The seal material is suitable for gases of the gas family 1,2,3, 100% Hydrogen (dry), biogases and sewage gases (DVGW G 262 (A)) up to max. 1.0 % by volume of H₂S (dry). In addition the MBE..S can be used for LPG applications up to 0°C. For other gases a specific gas analysis is mandatory. The only exception is the anodised housing, which is not available for the MBE-S.

The ATEX versions MV..X and MVD..X are not covered by the MBE-S. The current design of the ValveDrive does not fulfil the Ex-proof requirements. Please stay in touch with the product management for future demand of Ex-proof valves.

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Replacement list

Below is an extract of the replacement list for MV single-stage safety solenoid valves in the flanged versions DN 65 – DN 150 to the new MBE-S safety shut-off valves. In case two MV valves need to be replaced the MBE double safety shut-off valves are also included in this list. The comparison is based on the nominal size of the valves and the MBE-S is without the manual flow adjustment option.

MV single-stage safety solenoid valves Discontinue Portfolio		New MBE-S Single Shut-off Valve		New MBE..VV Double Shut-off Valve					
									
Art. No.	Description	Art. No.	Description	Art. No.	Description				
170930	MVDLE 2065/5 230 VAC IP 54			274659	VB-065				
256177	MVD 2065/5 S02 SGV 230 VAC IP 65								
256099	MVD 2065/5 S02 SGN 230 VAC IP 65								
157230	MVD 2065/5 S02 230 VAC IP 54								
169390	MVD 2065/5 230 VAC IP 54					299826	VB-065-S		
256343	MVD 2065/5 110 VAC IP 65					272262	VD-V-AC	272262 (2x)	VD-V-AC
210323	MVD 2065/5 110 VAC IP 54								
165510	MVD 5065/5 230 VAC IP 54								
231101	MVD 5065/5 AC 110V IP 54								

While ordering a discontinued MV flanged version DN 65 – DN 150, SAP will refer to the MBE-S ValveBody. In this case a hint will pop-up and reminds to order in addition the needed ValveDrive depending on the mains voltage.

The complete replacement list is attached to this RepNews 2023 #017.

Please note that the valve bodies of the MV Valves and the MBE..S have the same length. During the exchange no additional pipe work is needed.

Next Steps

Please inform your customers about this discontinuation of the MV single-stage safety solenoid valve series in the flanged versions DN 65 – DN 150 and offer them the last time buy option or discuss the replacement possibilities.