

# Engineering Change Notification

MH(x) Fast-switching valves



## Engineering Change Notification

Project No.  
231126, 248176

### Reason of change

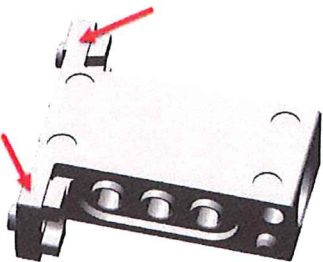
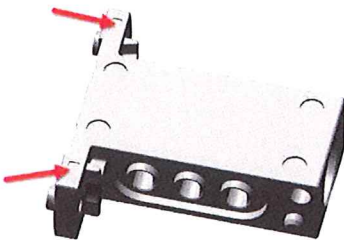
Tool optimization.

Project Title  
MH(x) Insourcing  
valve housing.  
Follow-up tool.

### Technical changes

Minor changes of geometry and traceability marking. Fit, form, function does not change, functionally equivalent.

Date  
February 27th, 2023

| Previous Version                                                                    | Future Version                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
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### Known technical implications

- **Function**  
Currently no known implications.
- **Environment**  
Currently no known implications.
- **Interfacing**  
Currently no known implications.

### Affected products

### Engineering Change Notification

| Part No | Type                                   |
|---------|----------------------------------------|
| 196133  | SOLENOID VALVE MHE2-MS1H-3/2G-M7-K     |
| 196131  | SOLENOID VALVE MHE2-MS1H-3/2G-M7       |
| 525113  | SOLENOID VALVE MHE2-MS1H-5/2-M7        |
| 196135  | SOLENOID VALVE MHE2-MS1H-3/2G-QS-4     |
| 525117  | SOLENOID VALVE MHE2-MS1H-5/2-QS-4      |
| 196119  | SOLENOID VALVE MHA2-MS1H-3/2G-2        |
| 196130  | SOLENOID VALVE MHE2-M1H-3/2G-M7        |
| 196134  | SOLENOID VALVE MHE2-M1H-3/2G-QS-4      |
| 196137  | SOLENOID VALVE MHE2-MS1H-3/2G-QS-4-K   |
| 525101  | SOLENOID VALVE MHA2-MS1H-5/2-2         |
| 196121  | SOLENOID VALVE MHA2-MS1H-3/2G-2-K      |
| 196136  | SOLENOID VALVE MHE2-M1H-3/2G-QS-4-K    |
| 196118  | SOLENOID VALVE MHA2-M1H-3/2G-2         |
| 525105  | SOLENOID VALVE MHP2-MS1H-5/2-M5        |
| 525119  | SOLENOID VALVE MHE2-MS1H-5/2-QS-4-K    |
| 196151  | SOLENOID VALVE MHE2-MS1H-3/2O-M7       |
| 196123  | SOLENOID VALVE MHP2-MS1H-3/2G-M5       |
| 196132  | SOLENOID VALVE MHE2-M1H-3/2G-M7-K      |
| 196142  | SOLENOID VALVE MHP2-M1H-3/2O-M5        |
| 196150  | SOLENOID VALVE MHE2-M1H-3/2O-M7        |
| 525115  | SOLENOID VALVE MHE2-MS1H-5/2-M7-K      |
| 196154  | SOLENOID VALVE MHE2-M1H-3/2O-QS-4      |
| 196122  | SOLENOID VALVE MHP2-M1H-3/2G-M5        |
| 196139  | SOLENOID VALVE MHA2-MS1H-3/2O-2        |
| 196143  | SOLENOID VALVE MHP2-MS1H-3/2O-M5       |
| 196153  | SOLENOID VALVE MHE2-MS1H-3/2O-M7-K     |
| 525103  | SOLENOID VALVE MHA2-MS1H-5/2-2-K       |
| 196141  | SOLENOID VALVE MHA2-MS1H-3/2O-2-K      |
| 196120  | SOLENOID VALVE MHA2-M1H-3/2G-2-K       |
| 196152  | SOLENOID VALVE MHE2-M1H-3/2O-M7-K      |
| 196155  | SOLENOID VALVE MHE2-MS1H-3/2O-QS-4     |
| 196157  | SOLENOID VALVE MHE2-MS1H-3/2O-QS-4-K   |
| 196138  | SOLENOID VALVE MHA2-M1H-3/2O-2         |
| 196140  | SOLENOID VALVE MHA2-M1H-3/2O-2-K       |
| 196156  | SOLENOID VALVE MHE2-M1H-3/2O-QS-4-K    |
| 539519  | SOLENOID VALVE MHA2-MS1H-3/2G-2-K-CS   |
| 545993  | SOLENOID VALVE MHE2-MS1H-3/2G-M7-K-CS  |
| 547559  | SOLENOID VALVE MHA2-MS1H-3/2G-2-K-CS   |
| 549218  | SOLENOID VALVE MHE2-M1H-3/2G-M7-CS     |
| 550649  | SOLENOID VALVE MHE2-M1H-3/2G-QS-4-K-CS |
| 558891  | SOLENOID VALVE MHE2-M1H-3/2G-QS-4-K-CS |

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|----------|----------------|--------------------------|
| 558892   | SOLENOID VALVE | MHE2-M1H-3/2G-QS-4-K-CS  |
| 558893   | SOLENOID VALVE | MHE2-M1H-3/2G-QS-4-K-CS  |
| 566185   | SOLENOID VALVE | MHA2-MS1H-3/2G-2-HT-CS   |
| 570311   | SOLENOID VALVE | MHA2-MS1H-3/2G-SE-HT-CS  |
| 573324   | SOLENOID VALVE | MHA2-MXH-3/2G-PI-CS      |
| 574083   | SOLENOID VALVE | MHE2-M1H-3/2G-PI-SA      |
| 575752   | SOLENOID VALVE | MHA2-M1H-3/2G-2-HT-CS    |
| 575779   | SOLENOID VALVE | MHA2-MS1H-3/2G-2-K-CS    |
| 2545499  | SOLENOID VALVE | MHE2-M2H-3/2G-2-PI-CS    |
| 4302746  | SOLENOID VALVE | MHA2-M1H-3/2G-2-CS       |
| 4319131  | SOLENOID VALVE | MHA2-MS1H-3/2G-2-CS      |
| 8059587  | SOLENOID VALVE | MHA2-MS1H-3/2G-2-M8-CS   |
| 8059588  | SOLENOID VALVE | MHA2-MS1H-3/2O-2-M8-CS   |
| 4700355  | SOLENOID VALVE | MHA2-MS1H-3/2O-2-CS      |
| 8109346  | SOLENOID VALVE | MHA2-MS1H-3/2G-2-CS      |
| 8098196  | SOLENOID VALVE | MHP2-MS1H-3/2G-M5-K-CS   |
| 577481   | SOLENOID VALVE | MHE2-M2H-5/2-M7-K0.55-CS |
| 2995799  | SOLENOID VALVE | MHE2-MS1H-5/2-SE-HT-CS   |
| 8112724  | SOLENOID VALVE | MHE2-MS1H-3/2G-QS-4-CS   |
| 8115119  | SOLENOID VALVE | MHA2-MS1H-3/2O-2-K-CS    |
| 8119286  | SOLENOID VALVE | MHA2-M1H-3/2G-2-CS       |
| 23270236 | SOLENOID VALVE | MHA2-MS1H-3/2G-2-CS      |
| 8112816  | SOLENOID VALVE | MHA2-MS1H-5/2-SE-HT-CS   |
| 8114069  | SOLENOID VALVE | MHA2-MS1H-5/2-SE-HT-CS   |
| 8137952  | SOLENOID VALVE | MHA2-MS1H-3/2G-2-K-CS    |
| 8140929  | SOLENOID VALVE | MHE2-MS1H-5/2-M7-HT-CS   |
| 8159247  | SOLENOID VALVE | MHA2-MS1H-3/2O-2-K-CS    |
| 8113559  | SOLENOID VALVE | MHA2-M1H-3/2G-SE-HT-CS   |
| 8117068  | SOLENOID VALVE | MHA2-M1H-3/2G-2-SE-CS    |
| 8137953  | SOLENOID VALVE | MHA2-MS1H-3/2O-2-K-CS    |
| 8165176  | SOLENOID VALVE | MHA2-MS1H-3/2O-2-K-CS    |
| 8150017  | SOLENOID VALVE | MHA2-M1H-3/2G-2-CS       |
| 8156025  | SOLENOID VALVE | MHA2-MS1H-3/2G-2...CS    |
| 8186054  | SOLENOID VALVE | MHE2-MS1H-3/2O-QS-4-CS   |
| 525174   | SOLENOID VALVE | MHA4-M1H-3/2G-4          |
| 525175   | SOLENOID VALVE | MHA4-MS1H-3/2G-4         |
| 525176   | SOLENOID VALVE | MHA4-M1H-3/2G-4-K        |
| 525177   | SOLENOID VALVE | MHA4-MS1H-3/2G-4-K       |
| 525178   | SOLENOID VALVE | MHP4-M1H-3/2G-1/4        |
| 525179   | SOLENOID VALVE | MHP4-MS1H-3/2G-1/4       |
| 525183   | SOLENOID VALVE | MHP4-MS1H-3/2G-QS-8      |
| 525186   | SOLENOID VALVE | MHE4-M1H-3/2G-1/4        |
| 525187   | SOLENOID VALVE | MHE4-MS1H-3/2G-1/4       |
| 525188   | SOLENOID VALVE | MHE4-M1H-3/2G-1/4-K      |
| 525189   | SOLENOID VALVE | MHE4-MS1H-3/2G-1/4-K     |
| 525190   | SOLENOID VALVE | MHE4-M1H-3/2G-QS-8       |
| 525191   | SOLENOID VALVE | MHE4-MS1H-3/2G-QS-8      |
| 525193   | SOLENOID VALVE | MHE4-MS1H-3/2G-QS-8-K    |
| 525196   | SOLENOID VALVE | MHA4-M1H-3/2O-4-K        |
| 525198   | SOLENOID VALVE | MHP4-M1H-3/2O-1/4        |
| 525199   | SOLENOID VALVE | MHP4-MS1H-3/2O-1/4       |
| 525206   | SOLENOID VALVE | MHE4-M1H-3/2O-1/4        |

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| 525207  | SOLENOID VALVE | MHE4-MS1H-3/20-1/4     |
| 525208  | SOLENOID VALVE | MHE4-M1H-3/20-1/4-K    |
| 525210  | SOLENOID VALVE | MHE4-M1H-3/20-QS-8     |
| 525211  | SOLENOID VALVE | MHE4-MS1H-3/20-QS-8    |
| 525213  | SOLENOID VALVE | MHE4-MS1H-3/20-QS-8-K  |
| 539000  | SOLENOID VALVE | MHA4-MS1H-3/2G-4-K-SA  |
| 550628  | SOLENOID VALVE | MHA4-MS1H-3/2G-4-K-SA  |
| 8032602 | SOLENOID VALVE | MHA4-MS1H-3/20-4-K-CS  |
| 8145035 | SOLENOID VALVE | MHE4-MS1H-3/2G-QS-8-CS |
| 8145036 | SOLENOID VALVE | MHE4-MS1H-3/2G-QS-8-CS |

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### Estimated transition date

According to our current project schedule, the change will be productive approximately

**2<sup>nd</sup> Quarter 2023**

**Date**  
April, 28th, 2023

Please note, that the transition date can vary due to technical reasons and production needs.

### Release

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Esslingen – Germany, April 28<sup>th</sup>, 2023



Head of Development  
PL Single Valve and Vacuum



Head of Quality Management  
BU Controls