

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L000670-2
Report Reference MH19482-20071210
Date 21-Sep-2021

Issued to: Festo SE & Co. KG
Ruiter Strasse 82 Esslingen
Germany 73734

**This is to certify that
representative samples of**

YIOZ2 - Valves, Electrically Operated - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 429, 7th Ed., Issue Date: 2013-11-06, Revision Date: 2021-03-19

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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Model	Category Description
MOS6-EE, , followed by 1/2, followed by V24, may be followed by Z, followed by EX, followed by SA, followed by 543724 or 543725, followed by four alphanumerics.	General-purpose valve
MS4-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve
MS4N-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve
MS6-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve
MS6N-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve



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CONDITIONS OF ACCEPTABILITY:

In determining the acceptability of these valves in the end-use, the following shall be determined:

1. These valves are to be factory installed within a suitable housing or mounted in a guarded and protected location to prevent accidental contact in end-use product since the Impact Test was not performed.
2. These valves are intended to be energized only from a suitable 24Vdc, NEC Class 2 source of supply.
3. The valve leads/connectors/terminals are intended to be factory-wired only.
4. The suitability of any mating fluid connector must be determined in the end product.
5. This valve is intended to be used in conjunction with air tubes with following outside dimensions:

MS4-EE, MS4N-EE:

Port	Air tube diameter (mm)	Size thread	Torque (Nm)
1, 2	4, 6, 8	G1/8	3
	6, 8, 10	G1/4	6
	8, 10, 12	G3/8	10
	4, 6, 8	1/8	3
	6, 8, 10	1/4	6
3	6, 8, 10	G1/4	6
1, 2	6, 8, 10	1/8-27 NPT	3
	6, 8, 10	1/4-18 NPT	6
	10, 12	3/8-18 NPT	10



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MS6-EE, MS6N-EE:

Port	Air tube diameter (mm)	Size thread	Torque (Nm)
1, 2	6, 8, 10	G1/4	6
	8, 10, 12	G3/8	10
	12	G1/2	15
	10, 12	3/4	22
	6, 8, 10	1/4	6
	8, 10, 12	3/8	10
	12	1/2	15
3	12	G1/2	15
1, 2	6, 8, 10	1/8-27 NPT	15
	6, 8, 10	1/4-18 NPT	6
	10, 12	3/8-18 NPT	10
	10, 12	3/4-14 NPT	22

MOS6-EE:

Port	Air tube diameter (mm)	Size thread	Torque (Nm)
1, 2	12	G1/2	15
3	12	G1/2	15

6. These valves are intended to be used on a regulated pressure system with the maximum ratings as noted under "RATINGS".



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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L000266-2
Report Reference MH19482-20071210
Date 21-Sep-2021

Issued to: Festo SE & Co. KG
Ruiter Strasse 82 Esslingen
Germany 73734

This is to certify that representative samples of YIOZ8 - Valves, Electrically Operated Certified for Canada - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 No. 139-2019, 5th Ed., Issued 1 Dec 2019

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

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Model	Category Description
MOS6-EE, , followed by 1/2, followed by V24, may be followed by Z, followed by EX, followed by SA, followed by 543724 or 543725, followed by four alphanumerics.	General-purpose valve
MS4-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve
MS4N-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve
MS6-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve
MS6N-EE, , followed by 1/4, 1/8, 1/2, 3/8, AGA, AGB, AGC, AGD, AGE, AQK, AQN, AQP, AQR or AQS, followed by V24, 10V24 or V24P, may be followed by EX2, may be followed by S, may be followed by Z, may be followed by SA, followed by 527709, 527710, 527682, 527683, 1627966 or 2649234 followed by 4 suffixes consisting of any combination of letters and/or numbers.	General-purpose valve



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2. These valves are intended to be energized only from a suitable 24Vdc, NEC Class 2 source of supply.
3. The valve leads/connectors/terminals are intended to be factory-wired only.
4. The suitability of any mating fluid connector must be determined in the end product.
5. This valve is intended to be used in conjunction with air tubes with following outside dimensions:

MS4-EE, MS4N-EE:

Port	Air tube diameter (mm)	Size thread	Torque (Nm)
1, 2	4, 6, 8	G1/8	3
	6, 8, 10	G1/4	6
	8, 10, 12	G3/8	10
	4, 6, 8	1/8	3
	6, 8, 10	1/4	6
3	6, 8, 10	G1/4	6
1, 2	6, 8, 10	1/8-27 NPT	3
	6, 8, 10	1/4-18 NPT	6
	10, 12	3/8-18 NPT	10



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MS6-EE, MS6N-EE:

Port	Air tube diameter (mm)	Size thread	Torque (Nm)
1, 2	6, 8, 10	G1/4	6
	8, 10, 12	G3/8	10
	12	G1/2	15
	10, 12	3/4	22
	6, 8, 10	1/4	6
	8, 10, 12	3/8	10
	12	1/2	15
3	12	G1/2	15
1, 2	6, 8, 10	1/8-27 NPT	15
	6, 8, 10	1/4-18 NPT	6
	10, 12	3/8-18 NPT	10
	10, 12	3/4-14 NPT	22

MOS6-EE:

Port	Air tube diameter (mm)	Size thread	Torque (Nm)
1, 2	12	G1/2	15
3	12	G1/2	15

6. These valves are intended to be used on a regulated pressure system with the maximum ratings as noted under "RATINGS".



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