

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L000662-5
Report Reference MH19482-20111005
Date 20-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: 2018-06-20

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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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
Series VTUG (Single Connection), Valve Terminal, Cat. Nos. VTUG, , followed by any alphanumeric suffixes.	General-purpose valve
VTUG (Single Connection), Solenoid Valve Series, Cat. Nos. VUVG, , followed by L, S or B, may be followed by K, followed by 10A, 10, 14 or 18, may be followed by Z, followed by T32C, T32U, T32H, M32C, M32U, M52, B52, P53C, P53U or P53E, may be followed by A, R or M, may be followed by Z, followed by H, S, T or Y, may be followed by G18, G14, G38, G34, M3, M5, M7, N14, N18, N38, N34, Q3, Q4, Q4H, Q6, Q6H, Q8, Q10, T12, T14, T14H, T18, T38, T316, T316H, T516, T516H, T532 or F, may be followed by QN or U, followed by 1, 5 or 4, followed by H2, H3, S2, S3, L1, L2, L3, L4, R1, R8, P3, C1, K6, K7, K8, K9, R3, T1, WA or P1, may be followed by S6, may be followed by R, may be followed by L, may be followed by F, may be followed by F1, may be followed by EE, may be followed by F1H, may be followed by EX2 or EX4, may be followed by C, may be followed by A, may be followed by W1, W2, W3, W4, C1, C2, C3, C4, D, D3, D4, D5, DL, DL3,DL4, DL5, E3, E4, E5, E6, E7, E8, EL3, EL4, EL5, EL6, EL7, EL8, N1, N2, N3, N4, N5, N6, N7, N8, S1, S2, S3, S4, W1, W2, W3, W4, WS1, WS2, WS3 or WS4, may be followed by S, may be followed by CS, may be followed any alphanumeric suffixes.	General-purpose valve

CONDITIONS OF ACCEPTABILITY:

1. These valves have been evaluated for connection to an NEC Class 2 source only.
2. These valves are only intended for use in indoor-dry locations only.
3. The valve connectors are intended to be factory-wired only.



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4. The suitability of the factory-wiring, including mating connectors, for secureness, and grounding of dead-metal, shall be determined in the end-product.
5. These valves are intended for use in an ultimate electrical enclosure, and the need for an electrical enclosure for the valves shall be determined in the end-product application.
6. These valves are intended for use in a suitable enclosure or mounted in a guarded and protected location where the valve body will be protected against impact.
7. The suitability of the grounding/bonding connection shall be evaluated in the end-product application.
8. The suitability of the fluid connections to these valves, with respect to securement and leakage, are to be determined in the end-product application.
- *
*9. These valves are intended to be used in conjunction with air-tubes with the following fittings designation:

Port	Air tube diameter	Size thread
1, 2, 3, 4, 5	3, 4, 6, 8, 10, 12 [mm]	M3, M5, M7, G1/8, G1/4, G3/8, G3/4, NPT1/8, NPT1/4, NPT3/8, NPT3/4, UMF5/32, UMF5/16
12, 14, 82, 84	5/32, 5/16, 3/8, 5/8, 1/4, 1/2 [in.]	M3, M5, M7, G1/8, G3/8, G3/4, NPT1/8, NPT1/4, NPT3/8, NPT3/4, UMF5/32, UMF5/16



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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L000259-5
Report Reference MH19482-20111005
Date 20-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. 139-2013, 4th Ed., Issue Date: 2013-12-01, Revised 1 Feb 2016

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

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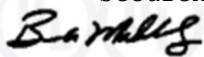
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Model	Category Description
Series VTUG (Single Connection), Valve Terminal, Cat. Nos. VTUG, , followed by any alphanumeric suffixes.	General-purpose valve
VTUG (Single Connection), Solenoid Valve Series, Cat. Nos. VUVG, , followed by L, S or B, may be followed by K, followed by 10A, 10, 14 or 18, may be followed by Z, followed by T32C, T32U, T32H, M32C, M32U, M52, B52, P53C, P53U or P53E, may be followed by A, R or M, may be followed by Z, followed by H, S, T or Y, may be followed by G18, G14, G38, G34, M3, M5, M7, N14, N18, N38, N34, Q3, Q4, Q4H, Q6, Q6H, Q8, Q10, T12, T14, T14H, T18, T38, T316, T316H, T516, T516H, T532 or F, may be followed by QN or U, followed by 1, 5 or 4, followed by H2, H3, S2, S3, L1, L2, L3, L4, R1, R8, P3, C1, K6, K7, K8, K9, R3, T1, WA or P1, may be followed by S6, may be followed by R, may be followed by L, may be followed by F, may be followed by F1, may be followed by EE, may be followed by F1H, may be followed by EX2 or EX4, may be followed by C, may be followed by A, may be followed by W1, W2, W3, W4, C1, C2, C3, C4, D, D3, D4, D5, DL, DL3,DL4, DL5, E3, E4, E5, E6, E7, E8, EL3, EL4, EL5, EL6, EL7, EL8, N1, N2, N3, N4, N5, N6, N7, N8, S1, S2, S3, S4, W1, W2, W3, W4, WS1, WS2, WS3 or WS4, may be followed by S, may be followed by CS, may be followed any alphanumeric suffixes.	General-purpose valve

CONDITIONS OF ACCEPTABILITY:

1. These valves have been evaluated for connection to an NEC Class 2 source only.
2. These valves are only intended for use in indoor-dry locations only.
3. The valve connectors are intended to be factory-wired only.
4. The suitability of the factory-wiring, including mating connectors, for secureness, and grounding of dead-metal, shall be determined in the end-product.



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6. These valves are intended for use in a suitable enclosure or mounted in a guarded and protected location where the valve body will be protected against impact.
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12, 14, 82, 84	5/32, 5/16, 3/8, 5/8, 1/4, 1/2 [in.]	M3, M5, M7, G1/8, G3/8, G3/4, NPT1/8, NPT1/4, NPT3/8, NPT3/4, UMF5/32, UMF5/16



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