



Certificate of Compliance

Certificate: 70166078

Master Contract: 271590

Project: 80241822

Date Issued: January 21, 2025

Issued to: Parker Hannifin Corporation
8676 East M-89
Pneumatic Division North America
Richland Michigan 49083-0901
United States

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Lizou Deschamps
Lizon Deschamps

PRODUCTS

CLASS 3221 01 VALVES - General purpose

CLASS 3221 81 VALVES - Certified to US Standards

General purpose, solenoid pilot operated pneumatic double valves.

Model(s)	Input Voltage (VDC)	Power (W max)	Ambient Temp (°C)	Fluid Temp. (°C)	Inlet Pressure (PSI)
P33/E28/Q28	24	1.5 / 2	4 to 50	4 to 80	150

Notes:

1. The subject valve series P33/E28/Q28 have been evaluated for use in ordinary locations only.
2. Extra low voltage Input comes from a class 2 circuit. The class 2 circuit is not in the scope of project.
3. Power Consumption of max 1.5 or 2 watts is for each solenoid.



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APPLICABLE REQUIREMENTS

Standards Used	Description
CSA C22.2 No. 139:19 (Fifth Edition)	Electrically operated valves - Update No. 1: March 2023
UL 429 (Seventh Edition) (Reprint with revisions through and including March 19, 2021)	Electrically Operated Valves

Notes:

Products certified under Class C322101, C322181 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca



MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Company's name, and/or CSA file number 271590, type designation, electrical ratings, serial number or date coding, the CSA Mark appear in a permanent manner on each unit, and any other information as specified in the Certification Report.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description		
80241822	January 21, 2025	<u>Submitter Report</u> 153241-70154816 (upd. 80208579)	<u>Submitter Model</u> Update to ML following Submitter Report editorial changes and ratings clarification (add input voltage, change inlet pressure, power consumption to include 2W, reference to extra low voltage, update standards syntax, add accreditation body). Includes VBA minor construction changes as per Submitter Report, p. 9. No change in models (Submitter M35).	<u>Listee Model</u>
80085597	June 3, 2021	<u>Submitter Report</u> 153241-70154816 (upd. 80066902)	<u>Submitter Model</u> Addition of threaded exhaust option. Markings to correlate with submittor report. P33 (T or D) B, (1 or 9) 6, (A,C or D) (A, B or C) E, (N,G,D or M) (Optional F); E28 or Q28, (0 or C), 6, (A, C or D), (A, B or C), (N,G,D or M), (Optional F)	<u>Listee Model</u>
80023550	December 3, 2019	<u>Submitter Report</u> 153241-70154816 (upd. 80011035)	<u>Submitter Model</u> M35 Series	<u>Listee Model</u> P33/E28/Q28 Series – Power consumption (each solenoid) 1.5 watts DC (previously was 1.2 watts DC)
70166078	December 14, 2017	<u>Submitter Report</u> 153241-70154816	<u>Submitter Model</u> M35	<u>Listee Model</u> P33/E28/Q28 – Identical except as noted; Color and modular pneumatic connection.