



Certificate of Compliance

Certificate: 2325749

Master Contract: 157123

Project: 2525507

Date Issued: September 12, 2012

Issued to: Precision Digital Corporation

89 October Hill Rd, Suite 5
Holliston, MA 01746-1378
USA
Attention: Vito Ciampolillo

The products listed below are eligible to bear the CSA Mark shown



Issued by: Richard MacKenzie, P. Eng.

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div. 1, Groups B, C, D; Class II, Div. 1, Groups E, F, G; Class III, Div. 1:

Ex d IIC T6:

Model PD6800-0c0-e-ffff Process Meters; power/input 4-20 mA loop powered, 30 Vdc max; backlight powered 9-30 Vdc max, 2.2 W; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD6820-0c1-e-ffff Rate/Totalizer; power/input 4-20 mA loop powered, 30 Vdc max; backlight powered 9-30 Vdc max, 2.2 W; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD6830-Bc0-e-ffff and PD6830-BcA-e-ffff and PD6830-BcB-e-ffff Rate/Totalizer; Battery Powered or 9-30 Vdc max may have battery back up, 2.2 W; with or without 4-20 mA isolated output; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD6830-Ac0-e-ffff, and PD6830-AcA-e-ffff Rate/Totalizer; PD6830-AcB-e-ffff, input 9-30 Vdc max, 2.2 W; with or without 4-20 mA isolated output ; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.



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Model PD6830-CcB-e-ffff Rate/Totalizer, PD6830-Cc0-e-ffff and PD6830-CcA-e-ffff; power/input 4-20 mA loop powered, 30 Vdc max; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD6830-DcB-e-ffff Rate/Totalizer; PD6830-Dc0-e-ffff and PD6830-DcA-e-ffff; Battery Powered or power/input 4-20 mA loop powered, 30 Vdc max; max may have battery back up -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD6870-0c0-e-ffff Process Meter; power/output 4-20 mA loop powered, 30 Vdc max; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD663-0L0-00-ffff, PD663-0K0-00-ffff, PD663-0LA-00-ffff and PD663-0KA-00-ffff Loop Powered Meters; power/input 4-20 mA loop powered, 30 Vdc max; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Model PD310-A1-C-ffff, PD310-A2-C-ffff, PD310-A3-C-ffff; PD310-A8-C-ffff; and PD310-AX-C-ffff; Process Meters; power/output 4-20 mA loop powered, 30 Vdc max; -40 Deg. C < Tamb. < +75 Deg. C; Temperature Code T6; Encl. Type 4X, IP66/68.

Note: All power supply and signal input circuits must be supplied from a CSA Certified Class 2 source.

NOMENCLATURE 1

Model PD 68 aa-bcd-e-ffff

a = Series 00,01, 20, 30, 70

b = Power 0, A, B, C, D

c = Display K, L, M, P, T, x

d = Outputs 0, 1, A, B

e = Communications Protocols: "Blank or 0", 1, 2, 3, F, H, I, M, P, X



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f = Cosmetic Modification: any alphanumeric combination or conduit entry configuration of the same types as described in this report.

NOMENCLATURE 2

Model PD310

a = A

b = 1,2,3,8, X

c = C0, C1, C2, Cx

f = Cosmetic Modification: any alphanumeric combination or conduit entry configuration of the same types as described in this report.

APPLICABLE REQUIREMENTS

C22.2 No. 0-10 - General Requirements – Canadian Electrical Code, Part II

C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

C22.2 No. 142-M1987 - Process Control Equipment

CAN/CSA-C22.2 No. 60079-0:07 - Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

CAN/CSA-C22.2 No. 60079-1:07 - Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d"

CAN/CSA-C22.2 No. 60529:05 - Degrees of protection provided by enclosures (IP Code)