



FM Approvals
1151 Boston-Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

PD128-NI. PLC Annunciator.

NI / I / 2 / ABCD / Ta = 70°C

Special Condition of Use:

1. The product shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application including a tool removable cover.

PD675-a, PD676-a. Loop Powered Indicator.

NI / I / 2 / ABCD / Ta = 65°C; S / II, III / 2 / FG / Ta = 65°C; Type 4X

a = Option N or A.

Special Condition of Use:

1. The product shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application including a tool removable cover.

PD686-a. Loop Powered Indicator.

IS / I, II, III / 1 / ABCDEFG / T4 Ta = 85°C — 1155; Entity;

I / 0 / AEx ia IIC / T4 Ta = 85°C — 1155; Entity;

NI / I / 2 / ABCD / T4 Ta = 85°C; S / II, III / 2 / FG / T4 Ta = 85°C; Type 4X

Entity Parameters:

Vmax = 30 V, Imax = 175 mA, Pi = 1.3 W, Ci = 0, Li = 0.

a = Optional conduit hole location X, Y, Z or blank.

Special Condition of Use:

1. The product shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application including a tool removable cover.



Equipment Ratings:

Intrinsically Safe for use in Class I, II and III, Division 1, Groups A, B, C, D, E, F and G and Class I, Zone 0, Group IIC in accordance with Entity requirements and Control Drawing 1155; Nonincendive for use in Class I, Division 2, Groups A, B, C and D; Suitable for use in Class II and III, Division 2, Groups F and G Indoor and Outdoor, Type 4X Hazardous (Classified) Locations.

Approved for:

Precision Digital Corporation
19 Strathmore Road
Natick, MA 01760



This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

Class 3600	1998
Class 3610	1999
Class 3611	1999
Class 3810	1989
NEMA 250	1991

Original Project ID: 3016598

FM Approval Granted: October 17, 2003

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
---------------	------	---------------	------

FM Global Technologies LLC

Donald E. Major
Technical Team Manager

October 27, 2003
Date