



## NRAG.E210412 Programmable Controllers for Use in Hazardous Locations

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### Programmable Controllers for Use in Hazardous Locations

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**DIGITAL ELECTRONICS CORP**  
8-2-52 NANKO HIGASHI  
SUMINOE-KU  
OSAKA, 559-0031 JAPAN

E210412

Trademark and/or Tradename: **Pro-face**

#### Class I, Division 2, Groups A, B, C and D.

**Accessories, CANOpen units**, Model 3610007-01. For use with Graphic Display Models 3481401-01, -02 and 3583401-01, -02, -03, -04, -11, -12, -13, -14.

**Accessory enclosure kits**, Cat. Nos. PFXZCBOP71, PFXZCBOP61, PFXZCBOP41, PFXZCBOP121, PFXZCBOP101.

**Battery housing**, Model PFXZPSEUUPB1.

**Battery control module**, Model PFXZPBUIUPM1.

**Built-in computer and front display units**, Models 3582302-01, 3582302-11 Built-in Computers for use with 3620003-01, 3620003-02, 3620003-03, 3620003-04 and 3620003-05 Front Display Units. Models 3620003-01, 3620003-02, 3620003-03, 3620003-04 and 3620003-05 provide non-incendive field wirings to Class I, Division 2, Groups A, B, C and D Hazardous Locations in accordance with installation Drawing 35016429.

**Color graphic panels**, Models 3280035-41, -51, -71; Models 3482001-51, -52, -55, -61, -65, -75; Models 3280024-02, -04, -06, 12, -14, -16, -22, -24; Models 3581301-02, -04; Models 3481401-01, 3481401-02, 3581902-33, 3581902-51.

**Connecting cable**, Model PFXZPSCBUP3.

**DVD Rom**, Model PFXZPSSSMD1.

**Fan Kits**, PFXZPP0IUFAN1, PFXZPP2IUFAN1, PFXZPB1IUFAN1, PFXZPB2IUFAN1, PFXZPB5IUFAN1.

**Filter module**, Model PFXZFTPND1.

**Flat panel displays**, Models 3620004-01, 3620004-01 provides non-incendive field wiring to Class I, Division 2, Groups A, B, C and D; Hazardous Locations in accordance with installation Drawing 35016429.

Model 3582701-01, The USB port in the front of the Flat Panel Display provides non-incendive field wirings to Class I, Division 2, Groups A, B, C and D Hazardous Locations when connected in accordance with installation Drawing 35016429.

Model 3580406-11, The USB port in the front of the Flat Panel Display provides non-incendive field wirings to Class I, Division 2, Groups A, B, C and D Hazardous Locations when connected in accordance with installation Drawing 35016429.

**Graphic displays**, Models PFXGP4401TAD, PFXGP4401WADW, PFXGP4301TAD, PFXGP4301TADW, PFXGP4303TAD, PFXGP4201TAD, PFXGP4203TAD, PFXGP4201TADW, PFXGP4301TADS, PFXGP4501TADW, PFXGP4501TAA, PFXGP4501TAD, PFXGP4501TADS, PFXGP4501TMA, PFXGP4501TMD, PFXGP4503TAD, PFXGP4601TAA, PFXGP4601TAD, PFXGP4601TADS, PFXGP4601TMA, PFXGP4601TMD, PFXGP4603TAD. All models may be followed by any letter or number.

**Illuminated switch unit**, Model PFXZCCEUSG1.

**Interface boards**, Models PFXZPSIUDV1, PFXZPBUCMR41.

**Monochrome graphic panels**, Models 3280024-32, 3280024-34, 3581902-12.

**Open-type graphic displays**, Models 3580205-01, 3580205-02, 3580205-03, 3580205-04, 3680701-01, 3680701-02, 3680701-03.

Models 3583401-01, 3583401-02, 3583401-03, 3583401-04, 3583401-11, 3583401-12, 3583401-13, 3583401-14.

**Open-type, Graphic Panels**, Models 3910017 01, 3910017 02, 3910017 03, 3910017 04, 3910017 05, 3910017 06, 3910017 07, 3910017 08, 3910017-11, 3910017-12.

**Panel computers**, Models 3580301-01, 3580301-02, 3580301-03, 3580301-12, 3580301-13 provide non-incendive field wirings to Class I, Division 2, Groups A, B, C and D; Hazardous Locations in accordance with installation Drawing 35016429.

Model 3580301-11 provide non-incendive field wirings to Class I, Division 2, Groups A, B, C and D; Hazardous Locations in accordance with installation Drawing 35016429.

**Programmable controllers**, Models PFXGM4201TAD, PFXGM4301TAD.

**Programmable controller assemblies**, Models PFXPB1B1B, PFXPB1B2B, PFXPB1B5B, PFXPB1BAB, PFXPB1BBB, PFXPB1B1C, PFXPB1B2C, PFXPB1B5C, PFXPB1BAC, PFXPB1BBC, followed by 9 letters or numbers.

Models PFXPx170B, PFXPx171B, PFXPx172B, PFXPx17AB, PFXPx170C, PFXPx171C, PFXPx172C, PFXPx17AC, PFXPx180B, PFXPx181B, PFXPx182B, PFXPx18AB, PFXPx180C, PFXPx181C, PFXPx182C, PFXPx18AC, models followed by 9 letters or numbers; x = any letters or number.

Models PFXPx170Axxxx0 models followed by 4 letters or numbers; x = any letters or number.

**Programmable controllers**, Expansion Modules: EXM-DDI8DT, EXM-DDI16DT, EXM-DRA8RT, EXM-DRA16RT, EXM-DDO8UT, EXM-DDO8TT, EXM-DDO16UK, EXM-DDO16TK, EXM-DMM8DRT, EXM-AMI2HT, EXM-ALM3LT, EXM-AMM3HT, EXM-AMO1HT, EXM-DMM24DRF.

**Video mix units**, Models 3610001, 3710008-01, 3710013-01.

Last Updated on 2012-11-26

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#### DIGITAL ELECTRONICS CORP

E210412

8-2-52 NANKO HIGASHI  
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OSAKA, 559-0031 JAPAN

**Class I, Division 2, Groups A, B, C and D.**

**Accessories, CANOpen units,** Model 3610007-01. For use with Graphic Display Models 3481401-01, -02 and 3583401-01, -02, -03, -04, -11, -12, -13, -14.

**Accessory enclosure kits,** Cat. Nos. PFXZCBOP71, PFXZCBOP61, PFXZCBOP41, PFXZCBOP121, PFXZCBOP101.

**Battery housing,** Model PFXZPSEUUPB1.

**Battery control module,** Model PFXZPBUIUPM1.

**Built-in computer and front display units,** Models 3582302-01, 3582302-11 Built-in Computers for use with 3620003-01, 3620003-02, 3620003-03, 3620003-04 and 3620003-05 Front Display Units. Models 3620003-01, 3620003-02, 3620003-03, 3620003-04 and 3620003-05 provide non-incendive field wirings to Class I, Division 2, Groups A, B, C and D Hazardous Locations in accordance with installation Drawing 35016429.

**Color graphic panels,** Models 3280035-41, -51, -71; Models 3482001-51, -52, -55, -61, -65, -75; Models 3280024-02, -04, -06, 12, -14, -16, -22, -24; Models 3581301-02, -04; Models 3481401-01, 3481401-02, 3581902-33, 3581902-51.

**Connecting cable,** Model PFXZPSCBUP3.

**DVD Rom,** Model PFXZPSSSMD1.

**Fan Kits,** PFXZPPOIUFAN1, PFXZPP2IUFAN1, PFXZPB1IUFAN1, PFXZPB2IUFAN1, PFXZPB5IUFAN1.

**Filter module,** Model PFXZFTPND1.

**Flat panel displays,** Models 3620004-01, 3620004-01 provides non-incendive field wiring to Class I, Division 2, Groups A, B, C and D; Hazardous Locations in accordance with installation Drawing 35016429.

Model 3582701-01, The USB port in the front of the Flat Panel Display provides non-incendive field wirings to Class I, Division 2, Groups A, B, C and D Hazardous Locations when connected in accordance with installation Drawing 35016429.

Model 3580406-11, The USB port in the front of the Flat Panel Display provides non-incendive field wirings to Class I, Division 2, Groups A, B, C and D Hazardous Locations when connected in accordance with installation Drawing 35016429.

**Graphic displays,** Models PFXGP4401TAD, PFXGP4401WADW, PFXGP4301TAD, PFXGP4301TADW, PFXGP4303TAD, PFXGP4201TAD, PFXGP4203TAD, PFXGP4201TADW, PFXGP4301TADS, PFXGP4501TADW, PFXGP4501TAA, PFXGP4501TAD, PFXGP4501TADS, PFXGP4501TMA, PFXGP4501TMD, PFXGP4503TAD, PFXGP4601TAA, PFXGP4601TAD, PFXGP4601TADS, PFXGP4601TMA, PFXGP4601TMD, PFXGP4603TAD. All models may be followed by any letter or number.

**Illuminated switch unit,** Model PFXZCCEUSG1.

**Interface boards,** Models PFXZPSIUDV1, PFXZPBIUCMR41.

**Monochrome graphic panels,** Models 3280024-32, 3280024-34, 3581902-12.

**Open-type graphic displays,** Models 3580205-01, 3580205-02, 3580205-03, 3580205-04, 3680701-01, 3680701-02, 3680701-03.

Models 3583401-01, 3583401-02, 3583401-03, 3583401-04, 3583401-11, 3583401-12, 3583401-13 and 3583401-14.

**Open-type, Graphic Panels,** Models 3910017 01, 3910017 02, 3910017 03, 3910017 04, 3910017 05, 3910017 06, 3910017 07, 3910017 08, 3910017-11, 3910017-12.

**Panel computers,** Models 3580301-01, 3580301-02, 3580301-03, 3580301-12, 3580301-13 provide non-incendive field wirings to Class I, Division 2, Groups A, B, C and D; Hazardous Locations in accordance with installation Drawing 35016429.

Model 3580301-11 provide non-incendive field wirings to Class I, Division 2, Groups A, B, C and D; Hazardous Locations in accordance with installation Drawing 35016429.

**Programmable controllers**, Models PFXGM4201TAD, PFXGM4301TAD.

**Programmable controller assemblies**, Models PFXPB1B1B, PFXPB1B2B, PFXPB1B5B, PFXPB1BAB, PFXPB1BBB, PFXPB1B1C, PFXPB1B2C, PFXPB1B5C, PFXPB1BAC, PFXPB1BBC, followed by 9 letters or numbers.

Models PFXPx170B, PFXPx171B, PFXPx172B, PFXPx17AB, PFXPx170C, PFXPx171C, PFXPx172C, PFXPx17AC, PFXPx180B, PFXPx181B, PFXPx182B, PFXPx18AB, PFXPx180C, PFXPx181C, PFXPx182C, PFXPx18AC, models followed by 9 letters or numbers ; x = any letters or number.

Models PFXPx170Axxxx0 models followed by 4 letters or numbers ; x = any letters or number.

**Programmable controllers**, Expansion Modules: EXM-DDI8DT, EXM-DDI16DT, EXM-DRA8RT, EXM-DRA16RT, EXM-DDO8UT, EXM-DDO8TT, EXM-DDO16UK, EXM-DDO16TK, EXM-DMM8DRT, EXM-AMI2HT, EXM-ALM3LT, EXM-AMM3HT, EXM-AMO1HT, EXM-DMM24DRF.

**Video mix units**, Models 3610001, 3710008-01 and 3710013-01.

Trademark and/or Tradename: **Pro-face**

Last Updated on 2012-11-26

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# Certificate of UL/cUL Listed Certification

File Number: NRAG.E210412  
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## Product Reference List

No.	UL Models.		Digital Product No.
1	3610007-01	->	CA8-CANLT-01
2	3481401-01	->	LT3201-A1-D24-K
3	3481401-02	->	LT3201-A1-D24-C
4	3583401-01	->	LT3300-S1-D24-K
5	3583401-01	->	LT3300-T1-D24-K
6	3583401-02	->	LT3300-S1-D24-C
7	3583401-02	->	LT3300-T1-D24-C
8	3583401-11	->	LT3300-L1-D24-K
9	3583401-12	->	LT3300-L1-D24-C
10	3583401-13	->	LT3301-L1-D24-K
11	3583401-14	->	LT3301-L1-D24-C
12	PFXZCBOP71	->	PFXZCBOP71
13	PFXZCBOP61	->	PFXZCBOP61
14	PFXZCBOP41	->	PFXZCBOP41
15	PFXZCBOP121	->	PFXZCBOP121
16	PFXZCBOP101	->	PFXZCBOP101
17	3582302-01	->	APL3000-BA
18	3582302-11	->	APL3000-BD
19	3620003-01	->	APL3600-TFM-BLD
20	3620003-02	->	APL3700-TFM-BLD
21	3620003-03	->	APL3900-TFM-BLD
22	3620003-04	->	APL3600-KFM-BLD
23	3620003-05	->	APL3700-KFM-BLD
24	3280035-41	->	AGP3500-T1-D24 ( -**** )
25	3280035-41	->	AGP3500-T1-D24-M
26	3280024-02	->	AGP3750-T1-D24
27	3280024-02	->	AGP3750-T1-D24-M
28	3280024-12	->	AGP3650-T1-D24 ( -**** ) -M
29	3280024-14	->	AGP3600-T1-D24 ( -**** )
30	3280024-14	->	AGP3600-T1-D24-M
31	3280024-22	->	AGP3500-S1-D24 ( -**** )
32	3280024-22	->	AGP3500-S1-D24-M
33	PFXZPSCBUP3	->	PFXZPSCBUP3
34	PFXZPSSSMD1	->	PFXZPSSSMD1
35	PFXZFTPND1	->	PFXZFTPND1
36	3620004-01	->	FP3710-K41-U
37	3582701-01	->	FP3900-T41(-U)

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## Product Reference List

No.	UL Models.		Digital Product No.
38	3580406-11	->	FP3710-T42-24V (-U)
39	PFXGP4601TAA	->	PFXGP4601TAA
40	PFXGP4601TAA <sup>(*3)</sup>	->	PFXGP4601TAAC
41	PFXGP4601TAD	->	PFXGP4601TAD
42	PFXGP4601TAD <sup>(*3)</sup>	->	PFXGP4601TADC
43	PFXGP4601TMA	->	PFXGP4601TMA
44	PFXGP4601TMD	->	PFXGP4601TMD
45	PFXGP4603TAD	->	PFXGP4603TAD
46	PFXGP4501TADW	->	PFXGP4501TADW
47	PFXGP4501TAA	->	PFXGP4501TAA
48	PFXGP4501TAA <sup>(*3)</sup>	->	PFXGP4501TAAC
49	PFXGP4501TAD	->	PFXGP4501TAD
50	PFXGP4501TAD <sup>(*3)</sup>	->	PFXGP4501TADC
51	PFXGP4501TMA	->	PFXGP4501TMA
52	PFXGP4501TMD	->	PFXGP4501TMD
53	PFXGP4503TAD	->	PFXGP4503TAD
54	PFXGP4401TAD	->	PFXGP4401TAD
55	PFXGP4401WADW	->	PFXGP4401WADW
56	PFXGP4301TAD	->	PFXGP4301TAD
57	PFXGP4301TAD <sup>(*3)</sup>	->	PFXGP4301TADC
58	PFXGP4301TADW	->	PFXGP4301TADW
59	PFXGP4301TADW <sup>(*3)</sup>	->	PFXGP4301TADWC
60	PFXGP4303TAD	->	PFXGP4303TAD
61	PFXGP4201TAD	->	PFXGP4201TAD
62	PFXGP4203TAD	->	PFXGP4203TAD
63	PFXGP4201TADW	->	PFXGP4201TADW
64	* PFXZCCEUSG1	->	PFXZCCEUSG1
65	3280024-32	->	AGP3500-L1-D24 ( -**** )
66	3580205-03	->	AGP3200-A1-D24
67	3580205-04	->	AGP3200-T1-D24
68	3580205-04	->	AGP3200-T1-D24-M
69	3910017-01	->	GP4105G1D
70	3910017-02	->	GP4105W1D
71	3910017-03	->	GP4106G1D
72	3910017-04	->	GP4106W1D
73	3910017-05	->	GP4107G1D
74	3910017-06	->	GP4107W1D

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No.	UL Models.		Digital Product No.
75	3910017-11	->	GP4104G1D
76	3910017-12	->	GP4104W1D
77	3580301-01	->	PS3710A-T42
78	3580301-03	->	PS3711A-T42
79	3580301-12	->	PS3710A-T42-24V
80	3580301-11	->	PS3711A-T42-24V
81	PFXGM4201TAD	->	PFXGM4201TAD
82	PFXGM4301TAD	->	PFXGM4301TAD
83	PFXPB1B1B <sup>(*1)</sup>	->	PFXPB1B1B <sup>(*1)</sup>
84	PFXPB1B2B <sup>(*1)</sup>	->	PFXPB1B2B <sup>(*1)</sup>
85	PFXPB1B1C <sup>(*1)</sup>	->	PFXPB1B1C <sup>(*1)</sup>
86	PFXPB1B2C <sup>(*1)</sup>	->	PFXPB1B2C <sup>(*1)</sup>
87	PFXPB1B5C <sup>(*1)</sup>	->	PFXPB1B5C <sup>(*1)</sup>
88	PFXPx170B <sup>(*1)</sup>	->	PFXPx170B <sup>(*1)</sup>
89	PFXPx171B <sup>(*1)</sup>	->	PFXPx171B <sup>(*1)</sup>
90	PFXPx172B <sup>(*1)</sup>	->	PFXPx172B <sup>(*1)</sup>
91	PFXPx170C <sup>(*1)</sup>	->	PFXPx170C <sup>(*1)</sup>
92	PFXPx171C <sup>(*1)</sup>	->	PFXPx171C <sup>(*1)</sup>
93	PFXPx172C <sup>(*1)</sup>	->	PFXPx172C <sup>(*1)</sup>
94	PFXPx180B <sup>(*1)</sup>	->	PFXPx180B <sup>(*1)</sup>
95	PFXPx181B <sup>(*1)</sup>	->	PFXPx181B <sup>(*1)</sup>
96	PFXPx182B <sup>(*1)</sup>	->	PFXPx182B <sup>(*1)</sup>
97	PFXPx180C <sup>(*1)</sup>	->	PFXPx180C <sup>(*1)</sup>
98	PFXPx181C <sup>(*1)</sup>	->	PFXPx181C <sup>(*1)</sup>
99	PFXPx182C <sup>(*1)</sup>	->	PFXPx182C <sup>(*1)</sup>
100	PFXPx170Axxxx0 <sup>(*2)</sup>	->	PFXPx170A <sup>(*1)</sup>
101	EXM-DDI8DT	->	EXM-DDI8DT
102	EXM-DDI16DT	->	EXM-DDI16DT
103	EXM-DRA8RT	->	EXM-DRA8RT
104	EXM-DRA16RT	->	EXM-DRA16RT
105	EXM-DDO8UT	->	EXM-DDO8UT
106	EXM-DDO8TT	->	EXM-DDO8TT
107	EXM-DDO16UK	->	EXM-DDO16UK
108	EXM-DDO16TK	->	EXM-DDO16TK
109	EXM-DMM8DRT	->	EXM-DMM8DRT
110	EXM-AMI2HT	->	EXM-AMI2HT
111	EXM-ALM3LT	->	EXM-ALM3LT

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No.	UL Models.		Digital Product No.
112	EXM-AMM3HT	->	EXM-AMM3HT
113	EXM-AMO1HT	->	EXM-AMO1HT
114	EXM-DMM24DRF	->	EXM-DMM24DRF
115	HTB1C0DM9LP	->	HTB1C0DM9LP
116	3610001	->	GP3000-DVI01
117	3710008-01	->	GP3000-VM01
118	3710013-01	->	GP3000-RGB201

(-\*\*\*\*) may be in the option board types

(\*1) followed by 9 letters or numbers. x = any letters or number.

(\*2) followed by 4 letters or numbers. x = any letters or number.

(\*3) may be followed by any letter or number.