

Certificate of Compliance

Certificate: 1690200 Master Contract: 157759

Project: 80110658 **Date Issued:** 2022-06-27

Issued To: Turck Inc.

3000 Campus Dr

Plymouth, Minnesota, 55441-2656

United States

Attention: Tom Miller





Issued by:

Joshua Burdeshaw

L Bull

PRODUCTS

CLASS 2258 82 PROCESS CONTROL EQUIPMENT – For Hazardous Locations –

Certified to U.S. Standards

Class I, Division 2, Groups A, B, C and/or D:

• Process Wiring System, rated 150V, 4A, Temperature Code T5, Ta = 80°C for Division 2 Locations per Control Drawing No. NI-2.404 comprised of the following components:

Eurofast Cords:

P-RKGf abT-eq-nr, P-RSGf abT-eq-nr

Eurofast Receptacles:

P-FKf abp-n/ks, P-FKf abp-eq-n/ks, P-FKf abp-ns, P-FKf abp-eq-ns, P-FSf abp-n/ks, P-FSf abp-eq-n/ks, P-FSf abp-eq-ns

a = number of eurofast pins/sockets 4, 5, or 8

b = eurofast connection code .1, .2, .3,99, followed by A or blank



e = 3- or 4-digit cable number

f = eurofast housing material V or blank

k = receptacle thread 14.5/NPT, 14.75/NPT, or M20

n = cable or lead length

p = standard drain conductor D or blank

q = XL or blank

r = options /\$1331, /\$1599, /\$679, /\$771, /\$1055, /\$1057, /\$1126, /\$3001, /\$3034, or blank

s = options /S1331, /S1599, or blank

Lokfast Connector Guards:

Lock-Euro-C, Lock-Euro-G, Lock-Euro-A, Lock-Euro-R, Lock-Euro-FW

Notes:

- 1. All connectors in Division 2 locations must be secured with the integral set-screw (applicable only to connectors equipped with a set-screw) or fitted with a lokfast connector guard.
- Fieldbus Wiring System for Division 2 Locations per Control Drawing NI-2.403 comprised of the following components:

Eurofast Receptacles:

FKb-e-h, FKb-e-ha, FKb-f-h, FKb-f-ha, FSb-e-h, FSb-e-ha, FSb-f-ha, FSb-f-ha, FSb-f-ha, FKDDb mn-hM, FKFDDb mn-hM, FKFDb mn-hM

a = receptacle thread 14.5/NPT, 14.75/NPT, or M20

b = V or blank

e = 25, 45, 48, 49, 49T, 57

f = 254, 254B, 254BK, 483, 483B, 483BK, 484, 490, 490B, 493, 493B, 493O, 496, 496BK, 496O,

5711, 572, 5722, 5727, 577, 578, 579

h = cable or lead length

m = 42, 44, 84 or 86

n = 0, 1, 2, 3, 4, 5, 6, or 7

Lokfast Connector Guards:

SHLD-EURO, SHLD-EURO-A, SHLD-EURO-FW

Notes:

1. All connectors in Division 2 locations must be secured with the integral set-screw (applicable only to connectors equipped with a set-screw) or fitted with a lokfast connector guard.

CLASS 2258 02 PROCESS CONTROL EQUIPMENT – For Hazardous Locations

Class I, Division 2, Groups A, B, C and/or D:



• Process Wiring System, rated 150V, 4A, Temperature Code T5, Ta = 80°C for Division 2 Locations per Control Drawing No. NI-2.404 comprised of the following components:

Turck Process Wiring Junction Boxes:

P-4 RKFa fg-CSa12/Ck, P-4 RKFa fg-RSa10j/Ck, P-4MBa12-de-CSa12/Ck, P-VBMa 4de-CSa12/Ck, P-VBMa 4de-RSa10j/Ck, P-8MBa12-de-CSa19/Ck, P-8 RKFa fg-CSa19/Ck, P-8 RKFa fg-RSa19j/Ck, P-VBMa 8de-CSa19/Ck, P-VBMa 8de-RSa19j/Ck, P-4MBa12-de-bh-c/Ck, P-4 RKFa fg-bh-c/Ck, P-VBMa 4de-bh-c/Ck, P-8MBa12-de-bh-c/Ck, P-8 RKFa fg-bh-c/Ck, P-VBMa 8de-bh-c/Ck

a = V or blank

b = 3- or 4-digit cable number

c = cable length in meters

d = number of eurofast pins/sockets 4 or 5

e = eurofast connection code .1, .2, .3,99, or blank

f = number of minifast pins/sockets: 2, 3, 4, 5, or 6

g = minifast connection code 0, 1, 2, . . . 99

h = XL or blank

j = connection/pinout code 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 00, 01, 02, 03, . . . 99, or blank

k= options /S1331, /S1599, or blank

<u>Note:</u> Junction boxes and connectors are Type 4X when a = V and Type 4 when a = blank.

Eurofast Cords:

P-RKGf abT-es-nt, P-RSGf abT-es-nt, P-RKGf abT-es-n-RSGf abTt, P-RKAf abA-es-nt, P-RSAf abA-es-nt, P-RKAf abA-es-n-RSAf abAt

Eurofast Receptacles:

P-FKf abp-n/kv, P-FSf abp-n/kv, P-FKf abp-es-n/kv, P-FKP abp-nv, P-FKP abp-es-nv, P-FKf abp-es-nv, P-FKf abp-es-nv, P-FSf abp-es-nv

Minifast Cords: (Rated 150V, 5A)

 $P-RKgq\ cd-es-nMt,\ P-WKg\ cd-es-nMt,\ P-RSgq\ cd-es-nMt,\ P-RSgq\ RKgq\ cd-es-nMt,\ P-RSg\ WKg\ cd-es-nMt,\ P-WSg\ RKg\ cd-es-nMt$

Minifast Receptacles: (Rated 150V, 5A)

P-RKFf cdp-n/kv, P-RSFf cdp-n/kv, P-RKFf cdp-es-n/kv, P-RSFf cdp-es-n/kv, P-RKFrf cdp-nv, P-RSFrf cdp-nv, P-RKFrf cdp-es-nv, P-RSFrf cdp-es-nv

Multifast Cords:

P-CKMh md-es-nt, P-CKWMh md-es-nt, P-CSMh md-es-nt, P-CSSMf md-es-nt, P-CSSMf md-es-nt, P-CSSMf md-es-nt, P-CSSMf md-es-nt, P-CSMh CKMh md-es-nt, P-CSMh CKWMh md-es-nt, P-CSMh CKWMh md-es-nt, P-CSSMf CKWMh md-es-nt, P-CSSMf CKWMh md-es-nt, P-CSSMf CKWMh md-es-nt, P-CSSWMf CKWMh md-es-nt, P-CSSWMf CKWMh md-es-nt, CXSWMf CKMh md-es-nt, CXMf CKMh md-es-nt, CXMf CKWMh md-es-nt, CXWMf CKMh md-es-nt, CXWMf CKWMh md-es-nt, CXWMf CKMh md-es-nt, CXWMf CKMh md-es-nt, CXWMf CKWMh md-es-nt, CXWMf CKMh md-es-nt, CXWMf CKWMh Md-es-nt, C



CXMf CSWMh md-es-nt, CXWMf CSMh md-es-nt, CXWMf CKSMh md-es-nt

Multifast Receptacles:

P-CKFLf m-es-nv, P-CSFLf m-es-nv, P-CKFLf m-nv, P-CSFLf m-nv

- a = number of eurofast pins/sockets 4 or 5
- b = eurofast connection code .1, .2, .3,99, followed by A or blank
- c = number of minifast pins/sockets: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, or 19
- d = minifast connection code 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 00, 01, 02, 03, ... 99 followed by A or blank
- e = 3- or 4-digit cable number
- f = eurofast housing material V or blank
- g = minifast housing material M or V
- h = multifast housing material/interlock L, T, V or blank
- k = receptacle thread 14.5/NPT, 14.75/NPT, or M20
- m = number of multifast conductors 12, 12A, 19, or 19A
- n = cable or lead length
- p = standard drain conductor D or blank
- q = B or blank (larger diameter construction)
- r = back panel mount P or blank
- s = XL or blank
- t= options /\$1331, /\$1599, /\$679, /\$771, /\$1055, /\$1057, /\$1126, /\$3001, /\$3034, or blank
- v= options /S1331, /S1599, or blank

Lokfast Connector Guards:

Lock-Mini-FW, Lock-Mini, Lock-Mini-Angle, Lock-Euro-C, Lock-Euro-G, Lock-Euro-A, Lock-Euro-R, Lock-Euro-FW

Notes:

- 1. All connectors in Division 2 locations must be secured with the integral set-screw (applicable only to connectors equipped with a set-screw) or fitted with a lokfast connector guard.
- Fieldbus Wiring System for Division 2 Locations per Control Drawing NI-2.403 comprised of the following components:

<u>Turck Fieldbus Junction Boxes (Rated 30V, 1A,Temperature Code T5, Ta = 70°C)</u>: JBBS-25SC-E..a, JBBS-25SC-M..a, JBBS-48SC-E..a, JBBS-48SC-M..a, JBBS-49SC-E..a, JBBS-49SC-M..a

<u>Turck Fieldbus Junction Boxes (Rated 30V, 3A, Temperature Code T5, Ta = 80°C)</u>: JBBS-25-E..a, JBBS-25-M..a, JBBS-48-E..a, JBBS-48-M..a, JBBS-49-E..a, JBBS-49-M..a, JBBS-57-E..a, JBBS-57-M..a

<u>Note</u>: Junction boxes and connectors are Type 4X when a = 3 and Type 4 when a = 4.



Eurofast Cords:

RKAb d-hM, RKAb g-hM, RSAb d-hM, RSAb g-hM, RKAb d-hM-RSAb d, RKAb d-hM-RKAb d, RSAb d-hM-RSAb d, RKAb d-hM-RSC d, RKAb d-h-RKC d, RSAb d-h-RKC d, RSAb d-h-RSC d, RKAb g-h-RSAb g, RKAb g-h-RSC g, RSAb g-h-RKC g, RSAb g-h-RSC g, RSCb mn-hM, RSCDb mn-hM, RSSDb mn-hM, RSSVb mn-hM, RSCDb RSCDb mn-hM, RSCDb RSCDb mn-hM, RSSDb RSSDb mn-hM, RSCDb RJ45p mn-hM, RSCDb RJ45p mn-hM, RSSDb RJ45p mn-hM, RSDb RJ45p mn-hM,

Eurofast Receptacles:

FKb-e-h, FKb-e-ha, FKb-f-h, FKb-f-ha, FSb-e-h, FSb-e-ha, FSb-f-h, FSb-f-ha, FKDDb mn-hM, FKFDb mn-hM

Minifast Cords: (Rated 150V, 5A)

RKck-d-hM, RSck-d-hM, RKc-g-hM, RSc-g-hM, RKck RKck d-hM, RKc RKc g-hM, RSck RSck d-hM, RSc RSc g-hM, RSck RKck d-hM, RSc RKc g-hM, RKc d-h-RSAb d, RKc g-h-RSAb g, RSc WKc-d-hM, WSc RKc-d-hM, WSc WKc-d-hM, WSc WSc-d-hM

Minifast Receptacles: (Rated 150V, 5A)

RKFb e-h, RKFb e-ha, RKFb f-h, RKFb f-ha, RSFb e-h, RSFb e-ha, RSFb f-ha, RSFb f-ha

a = receptacle thread 14.5/NPT, 14.75/NPT, or M20

b = V or blank

c = M or V

d = 255A, 4510A, 48A, 482A, 482BA, 492A, 492BA, 492BKA, 4920A, 5721A

e = 25, 45, 48, 49, 49T, 57

 $f=254,\,254B,\,254BK,\,483,\,483B,\,483BK,\,484,\,490,\,490B,\,493,\,493B,\,493O,\,496,\,496BK,\,496O,\,496BK,\,496O,\,496BK,\,496O,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496BK,\,496KK,\,496KK,\,496K$

5711, 572, 5722, 5727, 577, 578, 579

g = 254, 254BK, 483, 483B, 490, 490B, 490OBS, 4910, 4911, 4912, 4912O, 493, 493B, 493O, 496,

496BK, 496O, 5712

h = cable or lead length

k = B or blank (larger diameter construction)

m = 42, 44, 84 or 86

n = 0, 1, 2, 3, 4 or 5

p = S, M, IP67, SMIP67, MIP67 or blank

Lokfast Connector Guards:

SHLD-MINI, SHLD-MINI-FW, SHLD-EURO, SHLD-EURO-A, SHLD-EURO-FW

Notes:

1. All connectors in Division 2 locations must be secured with the integral set-screw (applicable only to connectors equipped with a set-screw) or fitted with a lokfast connector guard.

Class I, Division 1, Groups A, B, C and/or D; Class II, Division 1, Groups E, F and/or G; Class III: Class I, Division 2, Groups A, B, C and/or D:



Explosion-Proof Feed-Thru Device Gland Receptacles, rated 150V, 5A, Ta = 80°C. For use with certified explosion-proof apparatus which is installed in Division 2 locations with Turck Division 2 cordsets per Control Drawing NI-2.404:

Minifast Receptacles:

P-RSFa bceEX-d/14.5/NPT, P-RKFa bceEX-d/14.5/NPT, P-RSFa bceEX-d/14.75/NPT, P-RKFa bceEX-d/14.75/NPT

- a = housing material V or blank
- b = number of pins/sockets: 2, 3, 4, 5, 6, 7, 8, 9, 10, or 12
- $c = connection code 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 00, 01, 02, 03, \dots 99$
- d = cable or lead length
- e = standard drain conductor D or blank

<u>Note:</u> Explosion-Proof Feed-Thru Device Gland Receptacles are Type 4X when a = V, Type 4 when a = blank.

Class I, Division 1 and/or 2, Groups A, B, C and/or D:

• Secondary Conduit Seal/Explosion-Proof Feed-Thru Device Gland Receptacles, rated 150V, 5A, Ta = 80°C, MWP 2000 psi, Enclosure Type 4X, For use with certified apparatus which is installed with Turck cordsets per Control Drawing NI-2.404:

Models:

P-RKFVa bdEXG-c/14.5/NPT (Female Minifast Receptacle) P-RSFVa bdEXG-c/14.5/NPT (Male Minifast Receptacle)

- a = number of pins/sockets: 2, 3 or 4
- b = connection code (variable for conductor colors, pin-out, and wire gauge) 0, 1, 2, ... 99
- c = lead length in meters
- d = standard drain conductor D or blank
- ACIC-HL Extension Receptacles, rated 300V, 8A, Ta = 80°C. For use with certified explosion-proof apparatus which is installed in Division 1 locations and connected to Turck Division 2 cordsets in Division 2 locations per Control Drawing NI-2.404:

Models:

P-RSFa bc-EXG-d-e/f/14.5/NPT, P-RSFa bc-EXG-d-e/f/14.5/NPT/UNION

• ACIC-HL Extension Assemblies, rated 300V, 8A, Ta = 80°C. For use in interconnecting certified explosion-proof apparatus which is installed in Division 1 locations per Control Drawing NI-2.404:

Models:



P-EXG 1h-d-e/f/14.5/NPT, P-EXG 1h-d-e/f/14.5/NPT/UNION, P-EXG 2h-d-e/f/14.5/NPT, P-EXG 2h-d-e/f/14.5/NPT/UNION

• ACIC-HL cords, rated 300V, 8A, Ta = 80°C. For use with certified explosion-proof apparatus which is installed in Division 2 locations and the ACIC-HL cord extending through a Division 1 location per Control Drawing NI-2.404:

Models:

P-RSgB RKgB bcA-EX-d-eM, P-RKgB bcA-EX-d-eM, P-RSgB bcA-EX-d-eM

b = 2, 3, 4, 5, 6, 7, 8, 9, 10 or 12

 $c = 0, 1, 2, 3, \dots, 9, 01, 02, 03, \dots, 99$

d = 4-digit ACIC-HL cable number

e = cable length in meters

f = lead length in meters

g = M or V

h = configuration code A1, A2, A3, ... Z9 or blank

CLASS 2258-04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Class I, Division 1, Groups A, B, C and/or D; Class II, Division 1, Groups E, F and/or G; Class III: Class I, Division 2, Groups A, B, C and/or D:

• Process Wiring System, rated 30V, 600mA, Temperature Code T5, Ta = 80°C for Division 1 (Intrinsically Safe - Entity) and Division 2 locations per Control Drawing NI-2.404 comprised of the following components:

Turck Process Wiring Junction Boxes:

P-4 RKFa 40-CSa12/Ce, P-4 RKFa 40-RSa10d/Ce, P-4MBa12-4-CSa12/Ce, P-VBMa 40-CSa12/Ce, P-VBMa 40-RSa10d/Ce, P-8MBa12-4-CSa19/Ce, P-8 RKFa 40-CSa19/Ce, P-8 RKFa 40-RSa19d/Ce, P-VBMa 80-CSa19/Ce, P-VBMa 80-RSa19d/Ce, P-4MBa12-4-bn-c/Ce, P-4 RKFa 40-bn-c/Ce, P-VBMa 40-bn-c/Ce, P-8MBa12-4-bn-c/Ce, P-8 RKFa 40-bn-c/Ce, P-VBMa 80-bn-c/Ce

a = V or blank

b = 3- or 4-digit cable number

c = cable length in meters

d = connection/pinout code 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 00, 01, 02, 03, . . . 99, or blank

e = options /S1331, /S1599, or blank

Note: Junction boxes and connectors are Type 4X when a = V and Type 4 when a = blank.

Eurofast Cords:

P-RKGa 4T-bn-cq, P-WKEa 4T-bn-cq, P-RSGa 4T-bn-cq, P-WSEa 4T-bn-cq, P-RKGa 4T-bn-c-RSGa 4Tq, P-RKGa 4T-bn-c-WSEa 4Tq, P-WKEa 4T-bn-c-RSGa 4Tq, P-RKAa 4A-bn-cq, P-RSAa 4A-bn-cq, P-RKAa 4A-bn-cq, P-RKAAa 4A-bn-cq, P-RKAAa 4A-bn-cq, P-RKAAa 4A-bn-cq, P-RKAAA 4A-bn-cq, P-RKAAA 4A-bn-cq, P-RKAAA 4A-



Eurofast Receptacles:

P-FKa 4g-c/dr, P-FSa 4g-c/dr, P-FKa 4g-bn-c/dr, P-FSa 4g-bn-c/dr, P-FKP 4g-cr, P-FKP 4g-bn-cr, P-FKa 4g-cr, P-FKa 4g-bn-cr, P-FSa 4g-bn-cr

Minifast Cords:

P-RKkm 40 h -bn-cq, P-WKk 40 h -bn-cq, P-RSkm 40 h -bn-cq, P-WSk 40 h -bn-cq, P-RSkm RKkm 40 h -bn-cq, P-RSk WKk 40 h -bn-cq, P-WSk RKk 40 h -bn-cq, P-RSkm RKkm 10ph -bn-cq, P-RKkm 10ph -bn-cq, P-RSkm RKkm 10ph -bn-cq, P-RSkm RKkm 10ph -bn-cq, P-WSk WKk 10ph -bn-cq, P-WSk WKk 10ph -bn-cq

Minifast Receptacles:

P-RKFa 40g-c/dr, P-RKFa 40g-c/dr, P-RKFa 40g-bn-c/dr, P-RSFa 40g-bn-c/dr, P-RKFa 40g-cr, P-RSFa 40g-cr, P-RSFa 40g-bn-cr, P-RSFa 10pg-bn-cr, P-RSFa 10pg-bn-c/dr, P-RSFa 19pg-cr, P-RSFa 19pg-cr

Multifast Cords:

P-CKMe f-bn-cq, P-CKWMe f-bn-cq, P-CSMe f-bn-cq, P-CSMe f-bn-cq, P-CSMe CKMe f-bn-cq, P-CSMe CKWMe f-bn-cq, P-CSWMh CKMe f-bn-cq, P-CSWMe f-bn-cq

Multifast Receptacles:

P-CKFLe f-bn-cr, P-CSFLe f-bn-cr, P-CKFLe f-cr, P-CSFLe f-cr

- a = V or blank
- b = 3- or 4-digit cable number
- c = cable length in meters
- d = receptacle thread 14.5/NPT, 14.75/NPT, or M20
- e = multifast housing material/interlock L, T, V or blank
- f = number of multifast conductors 12, 12A, 19, or 19A
- g = standard drain conductor D or blank
- h = A or blank
- k = M or V (coupling nut material)
- m = B or blank (larger diameter construction)
- n = XL or blank
- p = connection/pinout code 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 00, 01, 02, 03, . . . 99, or blank
- q = options /S1331, /S1599, /S679, /S771, /S1055, /S1057, /S1126, /S3001, /S3034, or blank
- r = options /S1331, /S1599, or blank

Lokfast Connector Guards:

Lock-Mini-FW, Lock-Mini, Lock-Mini-Angle, Lock-Euro-C, Lock-Euro-G, Lock-Euro-A, Lock-Euro-R, Lock-Euro-FW

Notes:



1. The Process Wiring System listed above is for connection to only Class 2 Extra Low Voltage circuits.

2. All connectors in Division 2 locations must be secured with the integral set-screw (applicable only to connectors equipped with a set-screw) or fitted with a lokfast connector guard.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 25-1966	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CSA C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No. 142-M1987	Process Control Equipment
CAN/CSA-C22.2 No. 157-92	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous
	Locations
CSA C22.2 No. 213-17	Nonincendive electrical equipment for use in Class I and II, Division 2
	and Class III, Divisions 1 and 2 hazardous (classified) locations
CSA C22.2 No. 94.1-07	Enclosures for Electrical Equipment, Non-Environmental Considerations
CSA C22.2 No. 94.2-07	Enclosures for Electrical Equipment, Environmental Considerations
ANSI/UL 121201-2017	Nonincendive Electrical Equipment for Use in Class I and II, Division 2
	and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
CSA C22.2 No. 182.3-16	Special use attachment plugs, receptacles, and connectors
(R2021) Second Edition	
CSA C22.2 No. 159-18	Plugs, connectors, receptacles, and similar wiring devices
Third Edition	for use in hazardous locations

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.

Refer to the label marking details (minimum component markings) drawing(s) listed in the Descriptive Documents.

METHOD OF MARKINGS

Junction Boxes



Ink pad printed directly on housings.

Cordsets

Ink printed directly on cable, CSA Certified Self-Adhesive Label Material wrapped around cordset cable or CSA Certified Self-Adhesive Label Material folded around cordset cable to form a flag label.

Lokfast Guards

CSA Certified Self-Adhesive Label Material applied to lock body or molded directly into lock body.

Explosion-Proof Feed-Thru Device Gland Receptacles

CSA Certified Self-Adhesive Label Material folded around device conductor(s) to form a flag label.

Secondary Conduit Seal/Explosion-Proof Feed-Thru Device Gland Receptacles:

Models:

P-RKFVa bdEXG-c/14.5/NPT (Female Minifast receptacle) P-RSFVa bdEXG-c/14.5/NPT (Male Minifast receptacle)

Printed on lead flag label:

• Suitable for hazardous locations when installed per Turck control drawing NI-2.404, available at www.turck.com/fmcd

Laser etched on the wrench flat:

- CSA Monogram
- Submittor name or Identification mark
- Model Number: "P-RKFVa bdEXG-c/14.5/NPT" or "P-RSFVa bdEXG-c/14.5/NPT"
- Serial Number, Date Code or Month and Year of Manufacture
- Electrical Rating: "150V, 5A"
- Hazardous Location Designation: "Class I, Div. 1 and/or Div. 2, Groups ABCD"
- Ambient Temperature Range: "-30°C to +80°C"
- MWP: "2000 psi (13790 kPa)"
- Enclosure rating: "Type 4X"
- Cont. Dwg. NI-2.404
- Statement: "Secondary Conduit Seal"
- Cautionary statement: "MAY CONTAIN FLAMMABLE GASSES UNDER PRESSURE"
- Warning: "DISCONNECT POWER BEFORE REMOVING CABLE FROM SEALING DEVICE" and "PEUT CONTENIR DES GAZ INFLAMMABLES SOUS PRESSION".

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance



with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".

Notes:

Products certified under Class C225802, C225804, C225882 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

Certificate: 1690200 Master Contract: 157759

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
80110658	2022-06-27	Update CSA report 1690200 with revised drawing QCF-00165 to include alternate potting compound. Includes addition of std CAN/CSA C22.2 No. 159-18 and ord loc std. CSA C22.2 No. 182.3-16 (R2021) Second Edition.
70168524	2018-04-11	Update of Report 1690200 to the latest Division 2 standards, with no change to the product listing or descriptive documents.
70143926	2017-09-22	Update to Report 1690200 to include additional minifast connectors: B-size (1" connection thread, 7 or 8 conductors) and C-size (1 1/8" connection thread, 9, 10, 12, or 19 conductors), and the addition of 10 penetration EXG models.
70093617	2016-09-23	Update to Report 1690200 to include a correction to control drawing (Ni-2.404 new Revision H), correct the model number format for some eurofast cordsets on Sheets 3 and 9 and add the model code 'XL' that may be appended to the model number to indicate the use of "Extremelife 60" cables.
70011459	2015-04-10	Update to report 1690200 to include female cordsets, revised drawings, and add CSA-us certification for selected products for Class I, Division 2, Groups ABCD.
70005681	2014-04-25	Update to Report 1690200 to include revised drawings (Control Drawing Ni-2.404 and the product mechanical drawing, QCF-165).
2708100	2014-03-28	Update to report 1690200 to include revised drawings, and add new models for receptacles, receptacle extensions, assemblies and cords.
2567994	2012-10-18	Update to report 1690200 to delist models, revise drawings, and add new model code options.
2514837	2012-04-10	Update to report 1690200 to include revised drawings and update the model code.



2409646	2011-04-28	Update to report 1690200 to include revised drawings.
2274519	2010-02-12	Update to Report 1690200 to include more detailed model code. No changes were made to any parts.
2145110	2009-05-22	Update to report 1690200 for addition of models P-RSFVabdEXG and P-RKFVabdEXG as Secondary Conduit Seal for the prevention of Gas Migration under high pressure.
1690200	2006-03-13	CSA Certification of Junction Boxes for Use in Class 1 Div. 2 Process Wiring System