



Certificate of Compliance

Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

Issued to: Turck Inc.

**3000 Campus Dr
Plymouth, MN 55441-2656
USA
Attention: Brad Larson**

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



Gary Benden

Issued by: Gary Benden

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 2, Groups A, B, C & D:

- Process Wiring System, rated 30V, 600mA, 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/C, P-4MBa12-de-CSa12/C, P-VBMa 4de-CSa12/C,

P-8MBa12-de-CSa19/C, P-8 RKFa fg-CSa19/C, P-VBMa 8de-CSa19/C,

P-4MBa12-de-b-c/C, P-4 RKFa fg-b-c/C, P-VBMa 4de-b-c/C, P-8MBa12-de-b-c/C, P-8 RKFa fg-b-c/C,

P-VBMa 8de-b-c/C

a = V or blank

b = 3- or 4-digit cable number

c = cable length in meters



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

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

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

Eurofast cords:

P-RKGf abT-e-n, P-WKEf abT-e-n, P-RSGf abT-e-n, P-WSEf abT-e-n, P-RKGf abT-e-n, P-RSGf abT,
P-RKGf abT-e-n-WSEf abT, P-WKEf abT-e-n-RSGf abT, P-WKEf abT-e-n-WSEf abT, P-RKAf abA-e-n,
P-RSAf abA-e-n, P-RKAf abA-e-n-RSAf abA

Eurofast receptacles:

P-FKf abp-n/k, P-FSf abp-n/k, P-FKf abp-e-n/k, P-FSf abp-e-n/k, P-FKP abp-n, P-FKP abp-e-n,
P-FKf abp-n, P-FSf abp-n, P-FKf abp-e-n, P-FSf abp-e-n

Minifast cords:

P-RKgg cd-e-n, P-WKg cd-e-n, P-RSgg cd-e-n, P-WSg cd-e-n, P-RSgg RKgg cd-e-n, P-RSg WKg cd-e-n,
P-WSg RKg cd-e-n, P-WSg WKg cd-e-n

Minifast receptacles:

P-RKFf cdp-n/k, P-RSFf cdp-n/k, P-RKFf cdp-e-n/k, P-RSFf cdp-e-n/k, P-RKFf cdp-n, P-RSFf cdp-n,
P-RKFf cdp-e-n, P-RSFf cdp-e-n

Multifast cords:



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

P-CKMh m-e-n, P-CKWmh m-e-n, P-CSMh m-e-n, P-CSWmh m-e-n, P-CSMh CKMh m-e-n,
P-CSMh CKWmh m-e-n, P-CSWmh CKMh m-e-n, P-CSWmh CKWmh m-e-n

Multifast receptacles:

P-CKFLf m-e-n, P-CSFLf m-e-n, P-CKFLf m-n, P-CSFLf m-n

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, or 6

d = minifast connection code 0, 1, 2,99 followed by A or blank

e = 3- or 4-digit cable number

f = eurofast housing material V or blank

g = minifst 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)

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:



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

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.

- Fieldbus Wiring System for Division 2 Locations per Control Drawing NI-2.403 comprised of the following components:

Turck Fieldbus Junction Boxes (Rated 30V, 1A, Temperature Code T5, Ta = 70°C):

JBBS-25SC-E..a, JBBS-25SC-M..a, JBBS-48SC-E..a, JBBS-48SC-M..a, JBBS-49SC-E..a, JBBS-49SC-M..a

Turck Fieldbus Junction Boxes (Rated 30V, 3A, Temperature Code T5, Ta = 80°C):

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

Note: Junction boxes and connectors are Type 4X when a = 3 and Type 4 when a = 4.

Eurofast cords:

RKAb d-h, RKAb g-h, RSAb d-h, RSAb g-h, RKAb d-h-RSAb d, RKAb d-h-RKAb d, RSAb d-h-RSAb d, RKAb d-h-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,

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,

Minifast cords:

RKck-d-h, RSck-d-h, RKc-g-h, RSc-g-h, RKck RKck d-h, RKc RKc g-h, RSck RSck d-h, RSc RSc g-h, RSck RKck d-h, RSc RKc g-h, RKc d-h-RSAb d, RKc g-h-RSAb g



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

Minifast receptacles:

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

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

b = V or blank

c = M or V

d = 255A, 482A, 482BA, 492A, 492BA, 5721A

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

f = 252BK, 253, 254, 254B, 2512, 483, 483BK, 484, 490, 490B, 493, 493B, 4930, 496, 4912, 578, 579, 5712

g = 2512, 484, 4912, 5712

h = cable or lead length

k = B or blank (larger diameter construction)

Lokfast connector guards:

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

Class I, Division 1, Groups A, B, C & D; Class II, Division 1, Groups E, F & G; Class III:



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

Class I, Division 2, Groups A, B, C & D:

- Explosion-Proof Feed-Thru Device Gland Receptacles, rated 30V, 600mA, 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-RKF a bceEX-d/14.5/NPT, P-RSFa bceEX-d/14.75/NPT, P-RKF a bceEX-d/14.75/NPT

a = housing material V or blank

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

c = connection code 0, 1, 2, . . . 99

d = cable or lead length

e = standard drain conductor D or blank

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

Class I, Division 1 & 2, Groups A, B, C & D;

Secondary Conduit Seal/Explosion-Proof Feed-Thru Device Gland Receptacles, rated 30V, 600mA, Ta = 80°C, 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)



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

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

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

Class I, Division 1, Groups A, B, C & D; Class II, Division 1, Groups E, F & G; Class III:

Class I, Division 2, Groups A, B, C & 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/C, P-4MBa12-**4**-CSa12/C, P-VBMa **40**-CSa12/C,

P-8MBa12-**4**-CSa19/C, P-8 RKFa **40**-CSa19/C, P-VBMa **80**-CSa19/C,

P-4MBa12-**4**-b-c/C, P-4 RKFa **40**-b-c/C, P-VBMa **40**-b-c/C, P-8MBa12-**4**-b-c/C, P-8 RKFa **40**-b-c/C,

P-VBMa **80**-b-c/C

a = V or blank

b = 3- or 4-digit cable number

c = cable length in meters

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



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

Eurofast cords:

P-RKGa 4T-b-c, P-WKEa 4T-b-c, P-RSGa 4T-b-c, P-WSEa 4T-b-c, P-RKGa 4T-b-c, P-RSGa 4T,
P-RKGa 4T-b-c-WSEa 4T, P-WKEa 4T-b-c-RSGa 4T, P-WKEa 4T-b-c-WSEa 4T, P-RKAa 4A-b-c,
P-RSAa 4A-b-c, P-RKAa 4A-b-c-RSAa 4A, P-RKRa 4A-b-c, P-RSRa 4A-b-c, P-RKRa 4A-b-c-RSRa 4A

Eurofast receptacles:

P-FKa 4g-c/d, P-FSa 4g-c/d, P-FKa 4g-b-c/d, P-FSa 4g-b-c/d, P-FKP 4g-c, P-FKP 4g-b-c,
P-FKa 4g-c, P-FSa 4g-c, P-FKa 4g-b-c, P-FSa 4g-b-c

Minifast cords:

P-RKkm 40 h-b-c, P-WKk 40 h -b-c, P-RSkm 40 h -b-c, P-WSk 40 h -b-c, P-RSkm RKkm 40 h -b-c, P-RSk
WKk 40 h -b-c, P-WSk Rk 40 h -b-c, P-WSk WKk 40 h -b-c

Minifast receptacles:

P-RKF a 40g-c/d, P-RKF a 40g-c/d, P-RKF a 40g-b-c/d, P-RSF a 40g-b-c/d, P-RKF a 40g-c, P-RSF a 40g-c,
P-RKF a 40g-b-c, P-RSF a 40g-b-c

Multifast cords:

P-CKMe f-b-c, P-CKWMe f-b-c, P-CSMe f-b-c, P-CSWMe f-b-c, P-CSMe CKMe f-b-c,
P-CSMe CKWMe f-b-c, P-CSWMe CKMe f-b-c, P-CSWMe CKWMe f-b-c

Multifast receptacles:

P-CKFLe f-b-c, P-CSFLe f-b-c, P-CKFLe f-c, P-CSFLe f-c

a = V or blank



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

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)

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.

Notes:

APPLICABLE REQUIREMENTS

- | | | |
|------------------------|---|---|
| CAN/CSA No. 0-M91 | - | General Requirements - Canadian Electrical Code, Part II |
| 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 |



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

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- | | | |
|--------------------------|---|---|
| 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-M1987 | - | Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations |
| LTR E-001-2003 | - | Cable and Conduit Seals for Prevention of Gas Migration |
| 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 |

MARKINGS

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.

Cord-sets

Ink printed directly on cable, CSA Certified Self-Adhesive Label Material wrapped around cord-set cable or CSA Certified Self-Adhesive Label Material folded around cord-set 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:



Certificate: 1690200 (LR 82245)

Master Contract: 157759

Project: 2567994

Date Issued: October 18, 2012

- 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
- Submitter 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: "30V, 600mA"
- Hazardous Location Designation: "Class I, Div. 1 & 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"

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".