Dynisco SPX 2-Series

**General Purpose Smart Pressure Sensors for Hazardous Locations**

**Description**

The Dynisco SPX 2-Series is a smart 4-20mA pressure transmitter designed for use in hazardous locations and are available with a variety of different process and electrical connections. The SPX 2-Series is an all welded construction.

These amplified transmitters eliminate the need for external signal conditioning. All models can interface directly with distributed control systems, PLC’s, computers, and similar high level control devices. Optional thermocouple or RTD configurations are available to provide melt temperature.

**Features**

- 4-20mA loop-powered output
- +/- 0.25% accuracy available
- Wide selection of pressure ranges available
- Turndown 6:1 (3:1 Turndown for model SPX 2290)
- Configurations available for use in hazardous locations
- Remotely configurable via HART™
- Precise, repeatable pressure measurements
- Output supplied directly to DSC or PLC
- Meets CE requirements
- CE ATEX Intrinsically Safe Approved
- IECEx Intrinsically Safe Approved
- FM Explosion Proof Approved
- CSA Explosion Proof Approved
- SIL 2 Certified (Pressure Output)
- PL’c’ Certified (Relay Output)
- Additional approvals are available
<table>
<thead>
<tr>
<th><strong>Output</strong></th>
<th>4 - 20 mA, with optional HART™</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Voltage</strong></td>
<td>16 - 36 Vdc (Std); 16 - 30 Vdc (ATEX IS)</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>2241 ± 1.0%</td>
</tr>
<tr>
<td></td>
<td>2242 ± 0.25% for pressure ranges &gt;= 1,500 psi; ± 0.50% for pressure ranges &lt; 1,500 psi</td>
</tr>
<tr>
<td></td>
<td>2243 ± 0.25% for pressure ranges &gt;= 1,500 psi; ± 0.50% for pressure ranges &lt; 1,500 psi</td>
</tr>
<tr>
<td></td>
<td>2244 ± 0.25% for pressure ranges &gt;= 500 psi; ± 1.0% for pressure ranges &lt; 500 psi</td>
</tr>
<tr>
<td></td>
<td>2290/2291/2292 ± 0.50%</td>
</tr>
<tr>
<td><strong>Repeatability</strong></td>
<td>±0.1%</td>
</tr>
<tr>
<td><strong>Rangeability</strong></td>
<td>6:1 Turndown (3:1 Turndown for Model SPX2290)</td>
</tr>
<tr>
<td><strong>Over Pressure</strong></td>
<td>2X FSO or 35,000 psi, whichever is less</td>
</tr>
<tr>
<td></td>
<td>(2290, 2291, &amp; 2292 1.5 x FSO for 10,000 psi)</td>
</tr>
<tr>
<td><strong>Zero Balance Adjustment Range</strong></td>
<td>-40% to +10%; -80% to 20% for FSP &lt; 500 psi</td>
</tr>
<tr>
<td><strong>Load Resistance</strong></td>
<td>500 Ω @ 24 Vdc; 1,000 Ω @ 36 Vdc</td>
</tr>
<tr>
<td><strong>Electronics Ambient Temperature</strong></td>
<td>70°F (20°C)</td>
</tr>
<tr>
<td><strong>Electronics Operating Temperature</strong></td>
<td>-20 to 185°F (-29 to 85°C)</td>
</tr>
<tr>
<td><strong>Diaphragm Temperature</strong></td>
<td>750°F (400°C) max (Models 2241, 2244, 2290, 2291, 2292 limited to 600°F (315°C)</td>
</tr>
<tr>
<td><strong>Electronics Compensated Temperature Range</strong></td>
<td>0 to 150°F (-18 to 65°C)</td>
</tr>
<tr>
<td><strong>Zero Shift (Electronics Temp Change)</strong></td>
<td>All Models: 0.01% F.S./°F max (0.02% F.S./°C max)</td>
</tr>
<tr>
<td><strong>Span Shift (Electronics Temp Change)</strong></td>
<td>All Models: 0.01% F.S./°F max (0.02% F.S./°C max)</td>
</tr>
<tr>
<td><strong>Zero Shift (Snout Temp Change)</strong></td>
<td>2241/2244/2290/2291/2292: 1 psi/100°F (from 75-450°F) typical</td>
</tr>
<tr>
<td></td>
<td>2 psi/100°F (from 450-600°F) typical</td>
</tr>
<tr>
<td></td>
<td>2242/2243: 15 psi/100°F (27 psi/100°C) typical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Mechanical Characteristics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mounting Torque</strong></td>
</tr>
<tr>
<td>2241: 350 inch-lbf max</td>
</tr>
<tr>
<td>2242: 500 inch-lbf max</td>
</tr>
<tr>
<td>2243: 50 inch-lbf max</td>
</tr>
<tr>
<td>2244: 350 inch-lbf max</td>
</tr>
<tr>
<td>2290: 350 inch-lbf max</td>
</tr>
<tr>
<td>2291: 350 inch-lbf max</td>
</tr>
<tr>
<td>2292: 80 ft-lbf max</td>
</tr>
<tr>
<td><strong>Standard Wetted Parts</strong></td>
</tr>
<tr>
<td>DyMax coated 15-5 PH SST</td>
</tr>
<tr>
<td><strong>Approvals &amp; Certifications</strong></td>
</tr>
<tr>
<td>ATEX/IECEx Intrinsically Safe</td>
</tr>
<tr>
<td>SIL 2 (pressure output) &amp; PL’c’ (relay output)</td>
</tr>
<tr>
<td>FM &amp; CSA Explosion Proof</td>
</tr>
<tr>
<td>Additional Approvals are Available</td>
</tr>
</tbody>
</table>
Ordering Guide for Models SPX2241

Model
241

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST

Mounting Flange
90 = Flat Faced Flange

Pressure Units
B = BAR
C = KPa
K = Kgf/cm²
M = MPa
P = PSI

Option Code

Temperature Sensor
ZZ = No Thermocouple / RTD

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42” Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
DD = 18”, 46cm Flex

Snout Length
NE = 2.031”, 5.16cm

Pressure Range
13 = 250 psi 17.5 Bar 17.5 kgf/cm² 1.75 MPa
14 = 500 psi 35 Bar 35 kgf/cm² 3.5 MPa
15 = 750 psi 50 Bar 50 kgf/cm² 5.0 MPa
16 = 1,000 psi 70 Bar 70 kgf/cm² 7.0 MPa

Other configurations are available. Please consult factory.
Ordering Guide for Models SPX2242

Model
242

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST
M = Hastelloy
P = Inconel

Process Connection
00 = 1/2-20 UNF
05 = M18 x 1.5 Thread

Pressure Units
B = BAR
C = KPa
K = Kgf/cm²
M = MPa
P = PSI

Pressure Range
13 = 250 psi 17.5 Bar 17.5 Kgf/cm² 1.75 MPa
14 = 500 psi 35 Bar 35 Kgf/cm² 3.5 MPa
15 = 750 psi 50 Bar 50 Kgf/cm² 5.0 MPa
16 = 1,000 psi 70 Bar 70 Kgf/cm² 7.0 MPa
17 = 1,500 psi 100 Bar 100 Kgf/cm² 10.0 MPa
20 = 3,000 psi 200 Bar 200 Kgf/cm² 20.0 MPa
21 = 5,000 psi 350 Bar 350 Kgf/cm² 35.0 MPa
22 = 7,500 psi 500 Bar 500 Kgf/cm² 50.0 MPa
23 = 10,000 psi 700 Bar 700 Kgf/cm² 70.0 MPa
24 = 15,000 psi 1,000 Bar 1,000 Kgf/cm² 100.0 MPa
25 = 20,000 psi 1,400 Bar 1,400 Kgf/cm² 140.0 MPa
27 = 30,000 psi 2,000 Bar 2,000 Kgf/cm² 200.0 MPa

Option Code

Temperature Sensor
ZZ = No Thermocouple/RTD
AA = Single JTC with 3" Flex

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42” Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
AA = No Flex
DD = 18", 46 cm Flex
FF = 30", 76 cm Flex

Snout Length
AW = 3", 7.6 cm
CE = 6", 15 cm
DP = 9", 23 cm
FE = 12.5", 32 cm
GH = 15", 38 cm

Other configurations are available. Please consult factory.

Available in M18 x 1.5 thread only.
Ordering Guide for Models SPX2243

Model
243

Approval
E = Explosion Proof
S = ATEX/Intrinsically Safe
N = No Approvals

Diaphragm Material
A = DyMax Coated 15-5 PH SST
M = Hastelloy
P = Inconel

Mounting Flange
25 = Standard Flange
31 = Standard Flange for Models with Temperature Sensor

Pressure Units
B = BAR
C = KPa
K = Kgf/cm²
M = MPa
P = PSI

Pressure Range
14 = 500 psi  35 Bar   35 kgf/cm²  3.5 MPa
15 = 750 psi  50 Bar   50 kgf/cm²  5.0 MPa
16 = 1,000 psi 70 Bar   70 kgf/cm²  7.0 MPa
17 = 1,500 psi 100 Bar 100 kgf/cm² 10.0 MPa
20 = 3,000 psi 200 Bar 200 kgf/cm² 20.0 MPa
21 = 5,000 psi 350 Bar 350 kgf/cm² 35.0 MPa
22 = 7,500 psi 500 Bar 500 kgf/cm² 50.0 MPa
23 = 10,000 psi 700 Bar 700 kgf/cm² 70.0 MPa
24 = 15,000 psi 1,000 Bar 1,000 kgf/cm² 100.0 MPa
25 = 20,000 psi 1,400 Bar 1,400 kgf/cm² 140.0 MPa
27 = 30,000 psi 2,000 Bar 2,000 kgf/cm² 200.0 MPa

Option Code

Temperature Sensor
ZZ = No Thermocouple / RTD
AA = Single J TC with 3” Flex

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42” Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART Protocol

Flex Length
DD = 18”, 46cm Flex
FF = 30”, 76cm Flex

Snout Length
CE = 6”, 15.0 cm

Other configurations are available. Please consult factory.
Ordering Guide for Models SPX2244

**Model 244**

**Approval**
- E = Explosion Proof
- S = ATEX/Intrinsically Safe
- N = No Approvals

**Diaphragm Material**
- A = DyMax Coated 15-5 PH SST

**Mounting Flange**
- 88 = Flat Faced Mounting Flange

**Pressure Units**
- B = BAR
- C = KPa
- K = Kg/cm²
- M = MPa
- P = PSI

**Option Code**

**Temperature Sensor**
- ZZ = No Thermocouple / RTD

**Electrical Connections**
- AC = PT1H-10-6P Connector
- CA = 1/2-14 NPT Conduit with 42" Leads
- AF = PCIH-12-8P Connector Threaded Style

**Communications**
- A = No Protocol
- B = HART™ Protocol

**Flex Length**
- DD = 18", 46 cm Flex

**Snout Length**
- NE = 2.031", 5.16 cm

**Pressure Range**

<table>
<thead>
<tr>
<th>Pressure Range</th>
<th>PSI</th>
<th>BAR</th>
<th>kgf/cm²</th>
<th>MPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>250</td>
<td>17.5</td>
<td>7.5</td>
<td>1.75</td>
</tr>
<tr>
<td>14</td>
<td>500</td>
<td>35</td>
<td>35</td>
<td>3.5</td>
</tr>
<tr>
<td>15</td>
<td>750</td>
<td>50</td>
<td>50</td>
<td>5.0</td>
</tr>
<tr>
<td>16</td>
<td>1,000</td>
<td>70</td>
<td>70</td>
<td>7.0</td>
</tr>
<tr>
<td>17</td>
<td>1,500</td>
<td>100</td>
<td>100</td>
<td>10.0</td>
</tr>
<tr>
<td>20</td>
<td>3,000</td>
<td>200</td>
<td>200</td>
<td>20.0</td>
</tr>
<tr>
<td>21</td>
<td>5,000</td>
<td>350</td>
<td>350</td>
<td>35.0</td>
</tr>
<tr>
<td>22</td>
<td>7,500</td>
<td>500</td>
<td>500</td>
<td>50.0</td>
</tr>
</tbody>
</table>

*Other configurations are available. Please consult factory.*
### Ordering Guide for Models SPX2290

<table>
<thead>
<tr>
<th>Model 290</th>
<th>Approval E = Explosion Proof, S = ATEX/Intrinsically Safe, N = No Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diaphragm Material A = DyMax Coated 15-5 PH SST</td>
<td></td>
</tr>
<tr>
<td>Mounting Flange 69 = No Mounting Flange</td>
<td></td>
</tr>
<tr>
<td>Pressure Units B = BAR, C = KPa, K = Kgf/cm², M = MPa, P = PSI</td>
<td></td>
</tr>
<tr>
<td>Option Code</td>
<td>Temperature Sensor ZZ = No Thermocouple / RTD</td>
</tr>
<tr>
<td>Electrical Connections AC = PTIH-10-6P Connector, CA = 1/2-14 NPT Conduit with 42” Leads, AF = PCIH-12-8P Connector Threaded Style</td>
<td></td>
</tr>
<tr>
<td>Communications A = No Protocol, B = HART™ Protocol</td>
<td></td>
</tr>
<tr>
<td>Flex Length MM = 60”, 152 cm Flex, SS = 6”, 15 cm Rigid</td>
<td></td>
</tr>
<tr>
<td>Snout Length BU = 5”, 12.7 cm, CE = 6”, 15.2 cm</td>
<td></td>
</tr>
<tr>
<td>Pressure Range</td>
<td></td>
</tr>
<tr>
<td>08²</td>
<td>25 psi 1.75 Bar 1.75 Kgf/cm² 0.175 MPa</td>
</tr>
<tr>
<td>09²</td>
<td>50 psi 3.5 Bar 3.5 Kgf/cm² 0.35 MPa</td>
</tr>
<tr>
<td>11²</td>
<td>100 psi 7 Bar 7 Kgf/cm² 0.7 MPa</td>
</tr>
<tr>
<td>13</td>
<td>250 psi 17.5 Bar 17.5 Kgf/cm² 1.75 MPa</td>
</tr>
<tr>
<td>14</td>
<td>500 psi 35 Bar 35 Kgf/cm² 3.5 MPa</td>
</tr>
<tr>
<td>15</td>
<td>750 psi 50 Bar 50 Kgf/cm² 5 MPa</td>
</tr>
<tr>
<td>16</td>
<td>1,000 psi 70 Bar 70 Kgf/cm² 7 MPa</td>
</tr>
<tr>
<td>17</td>
<td>1,500 psi 100 Bar 100 Kgf/cm² 10 MPa</td>
</tr>
<tr>
<td>20</td>
<td>3,000 psi 200 Bar 200 Kgf/cm² 20 MPa</td>
</tr>
<tr>
<td>21</td>
<td>5,000 psi 350 Bar 350 Kgf/cm² 35 MPa</td>
</tr>
<tr>
<td>22</td>
<td>7,500 psi 500 Bar 500 Kgf/cm² 50 MPa</td>
</tr>
<tr>
<td>23</td>
<td>10,000 psi 700 Bar 700 Kgf/cm² 70 MPa</td>
</tr>
</tbody>
</table>

²Pressure ranges below 250 psi are supplied with rigid capillary
# Ordering Guide for Models SPX2291

<table>
<thead>
<tr>
<th>Option Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2XXX X X XX XX XX XX XXXX</td>
<td>订购代码</td>
</tr>
<tr>
<td>25 = 25 psi</td>
<td>1.75 Bar</td>
</tr>
<tr>
<td>26 = 30 psi</td>
<td>2.1 Bar</td>
</tr>
<tr>
<td>27 = 35 psi</td>
<td>2.5 Bar</td>
</tr>
<tr>
<td>28 = 40 psi</td>
<td>2.9 Bar</td>
</tr>
<tr>
<td>29 = 45 psi</td>
<td>3.3 Bar</td>
</tr>
<tr>
<td>30 = 50 psi</td>
<td>3.5 Bar</td>
</tr>
<tr>
<td>31 = 60 psi</td>
<td>4.2 Bar</td>
</tr>
<tr>
<td>32 = 70 psi</td>
<td>5.0 Bar</td>
</tr>
<tr>
<td>33 = 80 psi</td>
<td>5.6 Bar</td>
</tr>
<tr>
<td>34 = 90 psi</td>
<td>6.4 Bar</td>
</tr>
<tr>
<td>35 = 100 psi</td>
<td>7.0 Bar</td>
</tr>
<tr>
<td>36 = 110 psi</td>
<td>7.7 Bar</td>
</tr>
<tr>
<td>37 = 120 psi</td>
<td>8.4 Bar</td>
</tr>
<tr>
<td>38 = 130 psi</td>
<td>9.1 Bar</td>
</tr>
<tr>
<td>39 = 140 psi</td>
<td>9.8 Bar</td>
</tr>
<tr>
<td>40 = 150 psi</td>
<td>10.5 Bar</td>
</tr>
<tr>
<td>41 = 160 psi</td>
<td>11.2 Bar</td>
</tr>
<tr>
<td>42 = 170 psi</td>
<td>11.9 Bar</td>
</tr>
<tr>
<td>43 = 180 psi</td>
<td>12.6 Bar</td>
</tr>
<tr>
<td>44 = 190 psi</td>
<td>13.3 Bar</td>
</tr>
<tr>
<td>45 = 200 psi</td>
<td>14.0 Bar</td>
</tr>
</tbody>
</table>

- **压力单位**
  - B = BAR
  - C = KPa
  - K = Kgf/cm²
  - M = MPa
  - P = PSI

- **压力范围**
  - 08² = 25 psi  1.75 Bar  1.75 Kgf/cm²  0.175 MPa
  - 09² = 50 psi  3.5 Bar  3.5 Kgf/cm²  0.35 MPa
  - 11² = 100 psi  7 Bar  7 Kgf/cm²  0.7 MPa
  - 13 = 250 psi  17.5 Bar  17.5 Kgf/cm²  1.75 MPa
  - 14 = 500 psi  35 Bar  35 Kgf/cm²  3.5 MPa
  - 15 = 750 psi  50 Bar  50 Kgf/cm²  5 MPa
  - 16 = 1,000 psi  70 Bar  70 Kgf/cm²  7 MPa
  - 17 = 1,500 psi 100 Bar 100 Kgf/cm² 10 MPa
  - 20 = 3,000 psi 200 Bar 200 Kgf/cm² 20 MPa
  - 21 = 5,000 psi 350 Bar 350 Kgf/cm² 35 MPa
  - 22 = 7,500 psi 500 Bar 500 Kgf/cm² 50 MPa
  - 23 = 10,000 psi 700 Bar 700 Kgf/cm² 70 MPa

- **选件代码**
  - Flex Length
    - FF = 30”, 76 cm Flex
    - MM = 60”, 152 cm Flex
    - SS = 6”, 15 cm Rigid
    - TT = 12”, 31 cm Rigid
  - Snout Length
    - BU = 5”, 12.7 cm
  - Pressure Units
    - B = BAR
    - C = KPa
    - K = Kgf/cm²
    - M = MPa
    - P = PSI

- **温度传感器**
  - ZZ = No Thermocouple
  - AA = Single J TC with 3” Flex

- **电气连接**
  - AC = PT1H-10-6P Connector
  - CA = 1/2-14 NPT Conduit with 42” Leads
  - AF = PCIH-12-8P Connector Threaded Style

- **安装面**
  - 48 = Flat Faced Flange

- **膜片材料**
  - A = DyMax Coated 15-5 PH SST

- **认证**
  - E = Explosion Proof
  - S = ATEX/Intrinsically Safe
  - N = No Approvals

- **通讯**
  - A = No Protocol
  - B = HART™ Protocol

- **其它配置**
  - 其他配置请咨询工厂。

1. 其他配置可用，请咨询工厂。
2. 压力范围低于250 psi的供应带有刚性软管。
Ordering Guide for Models SPX2292¹

2XXX X X XX X XX X XX XX XXXX

Option Code

Temperature Sensor
ZZ = No Thermocouple

Electrical Connections
AC = PT1H-10-6P Connector
CA = 1/2-14 NPT Conduit with 42" Leads
AF = PCIH-12-8P Connector Threaded Style

Communications
A = No Protocol
B = HART™ Protocol

Flex Length
MM = 60” Flex
SS = 6” Rigid

Snout Length
AW = 3”, 7.6 cm
CE = 6”, 15 cm

Pressure Range
08² = 25 psi 1.75 Bar 1.75 Kgf/cm² 0.175 MPa
09² = 50 psi 3.5 Bar 3.5 Kgf/cm² 0.35 MPa
11² = 100 psi 7 Bar 7 Kgf/cm² 0.7 MPa
13 = 250 psi 17.5 Bar 17.5 Kgf/cm² 1.75 MPa
14 = 500 psi 35 Bar 35 Kgf/cm² 3.5 MPa
15 = 750 psi 50 Bar 50 Kgf/cm² 5 MPa
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17 = 1,500 psi 100 Bar 100 Kgf/cm² 10 MPa
20 = 3,000 psi 200 Bar 200 Kgf/cm² 20 MPa
21 = 5,000 psi 350 Bar 350 Kgf/cm² 35 MPa
22 = 7,500 psi 500 Bar 500 Kgf/cm² 50 MPa
23 = 10,000 psi 700 Bar 700 Kgf/cm² 70 MPa

¹Other configurations are available. Please consult factory.
²Pressure ranges below 250 psi are supplied with rigid capillary
NOTES:
1. ALL DIMENSIONS ARE IN INCHES
2. EXPOSED SURFACES ARE STAINLESS STEEL.
NOTES:
1. ALL DIMENSIONS ARE IN INCHES
2. EXPOSED SURFACES ARE STAINLESS STEEL.
NOTES:
1. ALL DIMENSIONS ARE INCHES
   [ MILLIMETERS ]
2. EXPOSED SURFACES ARE STAINLESS STEEL.
NOTES:
1. ALL DIMENSIONS ARE INCHES
2. EXPOSED SURFACES ARE STAINLESS STEEL.
3. CONDUCTOR WIRING

<table>
<thead>
<tr>
<th>Color</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>POWER + / SIG +</td>
</tr>
<tr>
<td>BLACK</td>
<td>POWER - / SIG -</td>
</tr>
<tr>
<td>GREEN</td>
<td>GROUND</td>
</tr>
<tr>
<td>ORANGE</td>
<td>Wire</td>
</tr>
<tr>
<td>BLUE</td>
<td>Rcal +</td>
</tr>
<tr>
<td>ORANGE</td>
<td>Rcal -</td>
</tr>
</tbody>
</table>

ELECTRICAL HOUSING, CONDUIT CONFIGURATION

CONNECTOR, PTH-10-6P BENDIX OR EQUIVALENT.
WEATHER TIGHT, 6 PIN CONNECTOR P/N 711610

ZERO AND SPAN ADJUSTS ARE PROTECTED BY SEAL SCREWS

VIEW A-A
3 CONDUCTOR SHOWN

CONNECTOR WIRING

<table>
<thead>
<tr>
<th>PIN</th>
<th>FUNCTION</th>
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<tbody>
<tr>
<td>A</td>
<td>POWER + / SIG +</td>
</tr>
<tr>
<td>B</td>
<td>POWER - / SIG -</td>
</tr>
<tr>
<td>C</td>
<td>ZERO CONNECTION</td>
</tr>
<tr>
<td>D</td>
<td>ZERO CONNECTION</td>
</tr>
<tr>
<td>E</td>
<td>SPAN ACCESS</td>
</tr>
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<td>F</td>
<td>SPAN ACCESS</td>
</tr>
</tbody>
</table>

WEIGHT:

SPX-GEN2 OUTLINE MODELS 2292, 5392 FLEX & RIGID VERSIONS

REV ECO BY APP DATE
46503 TP LEB 07/29/16

000625
GUARDIAN SERIES CONNECTORS

NOTE:
1. THESE CONNECTOR OPTIONS ARE AVAILABLE ON MOST OF THE CONFIGURATIONS SHOWN ON THE PREVIOUS SHEETS.

GUARDIAN CONNECTOR WIRING

<table>
<thead>
<tr>
<th>PIN</th>
<th>FUNCTION</th>
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<tbody>
<tr>
<td>A</td>
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</tr>
<tr>
<td>B</td>
<td>SIGNAL -</td>
</tr>
<tr>
<td>C</td>
<td>POWER -</td>
</tr>
<tr>
<td>D</td>
<td>NO CONNECTION</td>
</tr>
<tr>
<td>E</td>
<td>Rcal -</td>
</tr>
<tr>
<td>F</td>
<td>Rcal +</td>
</tr>
<tr>
<td>G</td>
<td>RELAY CONTACT</td>
</tr>
<tr>
<td>H</td>
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