

## GO™ Switch Models 11 and 21

| Model                                                                | Contact Form                                                                                                                                                                                                                                                         | Sensing Range                                                                                                                                                                                                             | Outlet Position                                                                                                                                       | Enclosure Material                                                                                                                                                                                                                                                            | Area Classification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Wiring Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Regional Certs                             |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 11 1/2" square x 4 9/16" overall. Add 1/2" for bottom conduit outlet | 1 SPDT (Form C)<br>3 SPDT (Form C) Latching (maintained contact) (Outlet position must be 2, 4 or 5)<br>5 DMDb, two-circuit, Form Z (Model 11 only)<br>6 DMDb, two circuit, Form Z Latching (maintained contact) (Outlet position must be 2, 4 or 5) (Model 11 only) | 1 Standard sensing - approx. 3/8" side sensing<br>2 Extended sensing - approx. 9/16" side sensing (Contact Form must be 1 or 3) (Model 11 only)<br>7 Precision sensing - approx. 1/4" side sensing (minimal differential) | 1 Behind sensing area<br>2 Left of sensing area<br>3 Right of sensing area<br>4 Same side as sensing area<br>5 Bottom of enclosure<br><b>No Adder</b> | 1 Brass - coated with flat black lacquer.<br>2 Stainless steel**<br>3 Brass - corrosion resistant coating (polyurethane)<br>4 Stainless steel - corrosion resistant coating (polyurethane)**<br><br>**Stainless steel switches are recommended for wet or harsh environments. | 0 CSA/FM<br>CI I, Div 2, Grps A-D;<br>CI II, Div 1&2, Grps E-G;<br>CI III<br>(Wiring must be 00)<br>(Lead seal req'd within 18")<br>2 High temperature to 350°F (176°C) (Contact form must be 1 or 3; sensing is 1 and enclosure is 2 or 4) (Wiring must be F) (Model 11 only)<br>3 UL<br>CI I, Div 1, Grps A-D;<br>CI II, Div 1, Grps E-G;<br>CI III<br>(Enclosure must be 2 or 4) (Wiring must be A, B, or F) (Lead seal req'd within 18") (Does not incl. a ground wire)<br>4 CSA/FM<br>CI I, Div 1, Grps A-D;<br>CI II, Div 1, Grps E-G;<br>CI III<br>(Enclosure must be 2 or 4) (Wiring must be A, B, or F) (Lead seal req'd within 18")<br>6 CSA/FM<br>CI I, Div 2, Grps A-D;<br>CI II, Div 2, Grps E-G;<br>CI III<br>(Wiring must be A, B, or F) (Lead seal req'd within 18")<br>7 cUL certified<br>General Purpose<br>(If a QDC is required, Connector must be DCD, 4DD, or 4DE)<br>8 UL listed<br>General Purpose<br>(Does not incl. a ground wire)<br>F ATEX/IECEX Zone 0<br>Ex ia IIC T6 Ga,<br>Ex ia IIIC T85°C Da,<br>(-40°C ≤ Ta ≤ 50°C)<br>(Wiring must be S or 00/00M)<br>G ATEX/IECEX Zone 0<br>Ex ia IIC T4 Ga,<br>Ex ia IIIC T135°C Da,<br>(-40°C ≤ Ta ≤ 100°C)<br>(Wiring must be S or 00/00M)<br>H ATEX/IECEX Zone 0<br>Ex ia IIC T3 Ga,<br>Ex ia IIIC T 200°C Da,<br>(-40°C ≤ Ta ≤ 150°C)<br>(Wiring must be S)<br><b>\$64</b> | <b>Terminal Block</b><br>00 1/2" - 14 NPT<br><br>00M M20<br><br><b>Lead Wires</b> - 18 Gauge, PVC insulated<br><b>A2</b> 3'<br><b>A3</b> 6'<br><b>A4</b> 12'<br><b>A5</b> 25'<br><b>A6</b> 50'<br><b>A7</b> 100'<br><b>A8</b> 250'<br><br><b>Cable</b> - 16 Gauge, SO rubber insulated<br><b>B2</b> 3'<br><b>B3</b> 6'<br><b>B4</b> 12'<br><b>B5</b> 25'<br><b>B6</b> 50'<br><b>B7</b> 100'<br><b>B8</b> 250'<br><br><b>Quick Disconnect Mini Connector*</b><br>(Area Classification must be 7 or 8)<br><b>DCA</b> 3 pin<br><b>DCD</b> 4 pin<br><br><b>Quick Disconnect M12x1</b><br>(Area Classification must be 7 or 8)<br><b>DMD</b> 4 pin<br><br><b>SubSea Connector*</b><br>(Area Classification must be 7 or 8; Enclosure must be 2 or 4)<br><b>3DD</b> 3 pin<br><b>4DD</b> 4 pin<br><b>3DE</b> 3 pin 90°<br><b>4DE</b> 4 pin 90°<br><br><b>Hi-Temp Lead Wires</b><br>18 Gauge, Teflon™ insulated<br><b>F2</b> 3'<br><b>F3</b> 6'<br><b>F4</b> 12'<br><b>F5</b> 25'<br><b>F6</b> 50'<br><b>F7</b> 100'<br><b>F8</b> 250'<br><br><b>Cable</b> - 18 Gauge Blue Silicone (Area Classification must be F, G, or H)<br><b>S2</b> 3'<br><b>S3</b> 6'<br><b>S4</b> 12'<br><b>S5</b> 25'<br><b>S6</b> 50'<br><b>S7</b> 100'<br><b>S8</b> 250'<br><br>* See pg.23 for cordsets | R EAC (Area Classification F, G, & H only) |

## Extended Sensing Range with External Target Magnets

| Switch Type                        | Magnet | Sensing | Differential |
|------------------------------------|--------|---------|--------------|
| 10 Series SPDT w/ Standard Sensing | AMP3   | 1"      | 1/2"         |
|                                    | AMS4   | 1 1/4"  | 11/16"       |
|                                    | AMC5   | 3 3/8"  | 1 1/2"       |
|                                    | AMF6   | 2 7/16" | 1 1/2"       |
| 10 Series SPDT w/ Extended Sensing | AMP3   | 1 1/4"  | 5/8"         |
|                                    | AMS4   | 1 9/16" | 11/16"       |
|                                    | AMC5   | 3 3/4"  | 1 1/2"       |
|                                    | AMF6   | 3"      | 1 11/16"     |
| 20 Series SPDT w/ Standard Sensing | AMP3   | 1"      | 3/4"         |
|                                    | AMS4   | 1 3/8"  | 7/8"         |
|                                    | AMC5   | 3 3/8"  | 1 3/4"       |
|                                    | AMF6   | 2 7/16" | 1 15/16"     |

## Ordering Guide

Fill in the boxes to create your 'ordering number.'

| Model | Contact Form | Sensing Range | Outlet Position | Enclosure Material | Approvals | Wiring Options | Regional Certs |
|-------|--------------|---------------|-----------------|--------------------|-----------|----------------|----------------|
| _____ | _____        | _____         | _____           | _____              | _____     | _____          | _____          |

## GO™ Switch Models 12 &amp; 22

| Model                               | Contact Form                                                                      | Sensing Range                                                                                                                                                          | Outlet Position                                                                                                       | Enclosure Material      | Area Classification                                                                               | Wiring Options                                                  | Regional Certs                                          |
|-------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| 12 1 1/2" square x 4 9/16" overall. | 1 SPDT (Form C)                                                                   | 1 Standard sensing - approx. 3/8" side sensing                                                                                                                         | 1 Behind sensing area                                                                                                 | 2 Stainless steel       | 9 ATEX/IECEX Zone 1<br>Ex de IIC T6 Gb,<br>Ex tb IIIC T85°C Db,<br>(-40°C ≤ Ta ≤ 60°C)<br>IP66/68 | <b>Terminal Block</b><br>00 1/2" - 14 NPT<br><br><b>00M M20</b> | <b>P</b> Peso<br><br><b>K</b> Kosha<br><br><b>R</b> EAC |
| 22 1 1/2" square x 3 3/16" overall. | 3 SPDT (Form C) Latching (maintained contact) (Outlet position must be 2, 4 or 5) | 2 Extended sensing - approx. 9/16" side sensing (Contact Form must be 1 or 3) (Model 12)<br><br>7 Precision sensing - approx. 1/4" side sensing (minimal differential) | 2 Left of sensing area<br><br>3 Right of sensing area<br><br>4 Same side as sensing area<br><br>5 Bottom of enclosure |                         |                                                                                                   |                                                                 |                                                         |
| Model<br>— —                        | Contact Form<br>—                                                                 | Sensing Range<br>—                                                                                                                                                     | Outlet Position<br>—                                                                                                  | Enclosure Material<br>2 | Area Classification<br>9                                                                          | Wiring Options<br>— —                                           | Regional Certs<br>—                                     |

## GO™ Switch Model 31

| Model                                                                                                                                                                                                                                                                                                                                                                               | Contact Form       | Sensing Range                    | Outlet Position                                              | Enclosure Material                                                                                     | Area Classification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Wiring Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Regional Certs             |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------|---------|--------------|------|------|--------|------|----|--------|------|--------|--------|------|--------|--------|
| 31<br>1" square x<br>3 1/4" overall                                                                                                                                                                                                                                                                                                                                                 | 1<br>SPDT (Form C) | 7<br>Approx. 1/4" end<br>sensing | 5<br>1/2"-14 NPT<br>conduit hub on<br>bottom of<br>enclosure | 2<br>Stainless steel<br><br>4<br>Stainless steel -<br>corrosion resistant<br>coating<br>(polyurethane) | 3<br>UL<br>CI I, Div 1, Grps A-D;<br>CI II, Div 1, Grps E-G;<br>CI III<br>(Wiring A, B, or F)<br>(Lead seal req'd within 18")<br>(Does not incl. a ground<br>wire)<br><br>4<br>cUL<br>CI I, Div 1, Grps A-D;<br>CI II, Div 1, Grps E-G;<br>CI III<br>(Wiring A, B, or F)<br>(Lead seal req'd within 18")<br><br>5<br>UL<br>CI I, Div 2, Grps A-D;<br>CI II, Div 2, Grps E-G;<br>CI III<br>(Wiring A, B, or F)<br>(Lead seal req'd within 18")<br>(Does not incl. a ground<br>wire)<br><br>6<br>cUL<br>CI I, Div 2, Grps A-D;<br>CI II, Div 2, Grps E-G;<br>(Wiring A, B, or F)<br>(Lead seal req'd within 18")<br><br>7<br>cUL listed<br>General Purpose<br>(If a QDC is required.<br>Connectors must be DCD<br>or DMD)<br><br>8<br>UL listed<br>General Purpose<br>(Does not incl. a ground<br>wire) | <b>Lead Wires</b> - 18 Gauge,<br>PVC insulated<br><b>A2</b> 3'<br><b>A3</b> 6'<br><b>A4</b> 12'<br><b>A5</b> 25'<br><b>A6</b> 50'<br><b>A7</b> 100'<br><b>A8</b> 250'<br><br><b>Cable</b> - 18 Gauge, PVC<br>insulated<br><b>B2</b> 3'<br><b>B3</b> 6'<br><b>B4</b> 12'<br><b>B5</b> 25'<br><b>B6</b> 50'<br><b>B7</b> 100'<br><b>B8</b> 250'<br><br><b>Quick Disconnect<br/>Mini Connector*</b><br>(Area Classification must<br>be 7 or 8)<br><b>DCA</b> 3 pin<br><b>DCD</b> 4 pin<br><br><b>Quick Disconnect<br/>M12x1</b><br>(Area Classification must<br>be 7 or 8)<br><b>DMD</b> 4 pin<br><br><b>Hi-Temp Leads</b><br>Teflon™ insulated<br><b>F2</b> 3'<br><b>F3</b> 6'<br><b>F4</b> 12'<br><b>F5</b> 25'<br><b>F6</b> 50'<br><b>F7</b> 100'<br><b>F8</b> 250'<br><br>*See pg.23 for cordsets | Currently not<br>available |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
| <div>Extended Sensing Range with External Target Magnets</div> <table><thead><tr><th>Magnet</th><th>Sensing</th><th>Differential</th></tr></thead><tbody><tr><td>AMP3</td><td>3/4"</td><td>1 1/4"</td></tr><tr><td>AMS4</td><td>1"</td><td>1 1/2"</td></tr><tr><td>AMC5</td><td>2 5/8"</td><td>3 1/2"</td></tr><tr><td>AMF6</td><td>1 5/8"</td><td>4 1/4"</td></tr></tbody></table> |                    |                                  |                                                              |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | Magnet | Sensing | Differential | AMP3 | 3/4" | 1 1/4" | AMS4 | 1" | 1 1/2" | AMC5 | 2 5/8" | 3 1/2" | AMF6 | 1 5/8" | 4 1/4" |
| Magnet                                                                                                                                                                                                                                                                                                                                                                              | Sensing            | Differential                     |                                                              |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
| AMP3                                                                                                                                                                                                                                                                                                                                                                                | 3/4"               | 1 1/4"                           |                                                              |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
| AMS4                                                                                                                                                                                                                                                                                                                                                                                | 1"                 | 1 1/2"                           |                                                              |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
| AMC5                                                                                                                                                                                                                                                                                                                                                                                | 2 5/8"             | 3 1/2"                           |                                                              |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
| AMF6                                                                                                                                                                                                                                                                                                                                                                                | 1 5/8"             | 4 1/4"                           |                                                              |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |
| Model<br>31                                                                                                                                                                                                                                                                                                                                                                         | Contact Form<br>1  | Sensing Range<br>7               | Outlet Position<br>5                                         | Enclosure Material<br>—                                                                                | Area Classification<br>—                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Wiring Options<br>— — —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regional Certs<br>—        |        |         |              |      |      |        |      |    |        |      |        |        |      |        |        |

Ordering Guide

Fill in the boxes to create your ' ordering number.'

**Ordering Guide**  
Fill in the boxes to create your 'ordering number.'