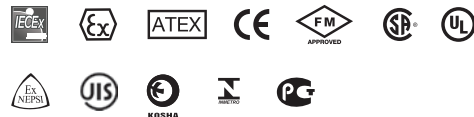


GOTM SWITCH



**THE ALL IN ONE PROXIMITY SENSOR AND LIMIT SWITCH.
*GO Gets It.***

GO Switch is the most versatile sensing solution. It detects like a proximity switch and functions like a limit switch, providing higher reliability when conventional switches fail.



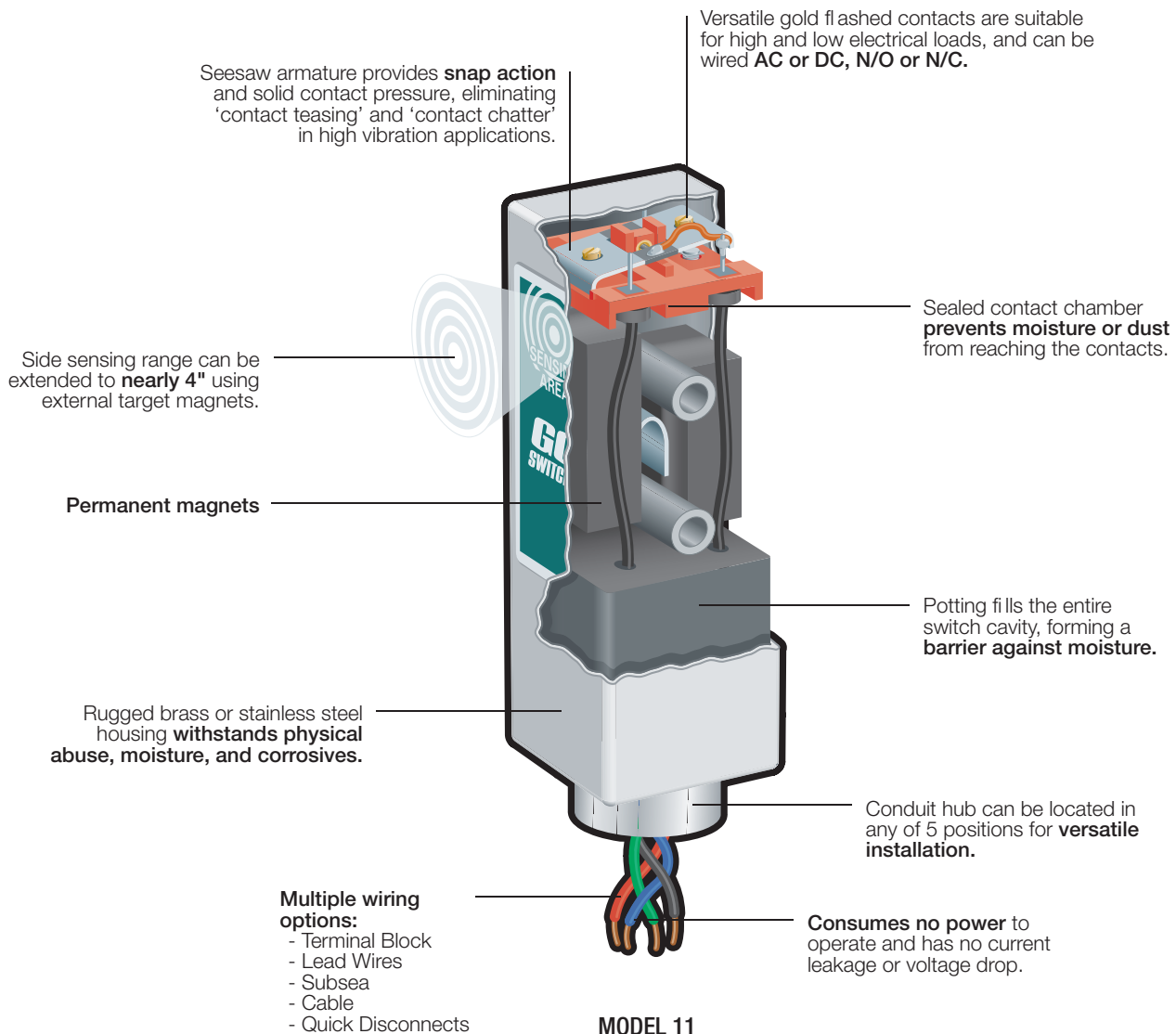
TOPWORX


EMERSONTM
Process Management

GO™ SWITCH - EXTENDED SENSING

Built to last in the most demanding conditions

GO Switch models 11, 21, 31 and 81 are the ideal replacements for traditional mechanical limit switches. Sealed contacts, rugged housings, non-contact detection of ferrous metal & magnetic targets, and snap action response make these switches the ultimate problem solvers for troublesome mechanical limit switch applications.



Models 11, 21, 31, and 81 were the world's original GO™ Switches. Their simple design, rugged housings, long sensing ranges, and global approvals make these switches the ideal choice wherever reliable proximity sensing is needed. Some features common to all these models include a standard operating temperature range of -58°F to 221°F (-50°C to 105°C) and gold-plated SPDT dry contacts.



Model 11

Features

- Single Pole Double Throw (SPDT) 5A/240VAC, 10A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 3/8" (10mm) sensing distance (ferrous metal)
- Dry Contact
- Intrinsically Safe
- Side sensing
- Gold Plated Contacts

Options

- High Temperature: -58°F to +350°F (-50°C to +176°C)
- Brass or Stainless Steel 304 Housings
- Extended Sensing: 9/16" (14mm)
- Terminal Block, Lead Wires, or Cables
- Latching Contacts
- SubSea Connectors
- Quick Disconnects - Micro or Mini
- Global Hazardous Area Approvals



Model 81

Features

- Double Pole Double Throw (DPDT) 5A/240VAC, 10A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 1/4" (6mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Gold Plated Contacts

Options

- High temperature: -58°F to 350°F (-50°C to 176°C)
- Single Pole Double Throw (SPDT) 10A/120VAC, 3A/24VDC
- Brass or Stainless Steel 304 Housings
- Lead Wires or Cables
- SubSea Connectors
- Quick Disconnects - Mini
- CSA/UL Hazardous Area Approvals



Model 21

Features

- Single Pole Double Throw (SPDT) 5A/240VAC, 10A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 3/8" (10mm) Sensing Distance (Ferrous Metal)
- Dry Contact
- Intrinsically Safe
- Side sensing
- Gold Plated Contacts

Options

- Brass or Stainless Steel 304 Housings
- Terminal Block, Lead Wires, or Cables
- Latching Contacts
- SubSea Connectors
- Quick Disconnects - Micro or Mini
- Global Hazardous Area Approvals



Model 31

Features

- Single Pole Double Throw (SPDT) 3A/240VAC, 6A/120VAC, 2A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 1/4" (6mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End sensing
- Gold Plated Contacts

Options

- Lead Wires or Cables
- Quick Disconnects - Micro or Mini
- CSA/FM Hazardous Area Approvals

GO™ SWITCH ORDERING GUIDE - EXTENDED SENSING

Choose one option from each category to build a complete model number.

Most popular options



Model 11
Long Range



Model 21
Side Sensing



Models 31
End Sensing



Model 81
DPDT

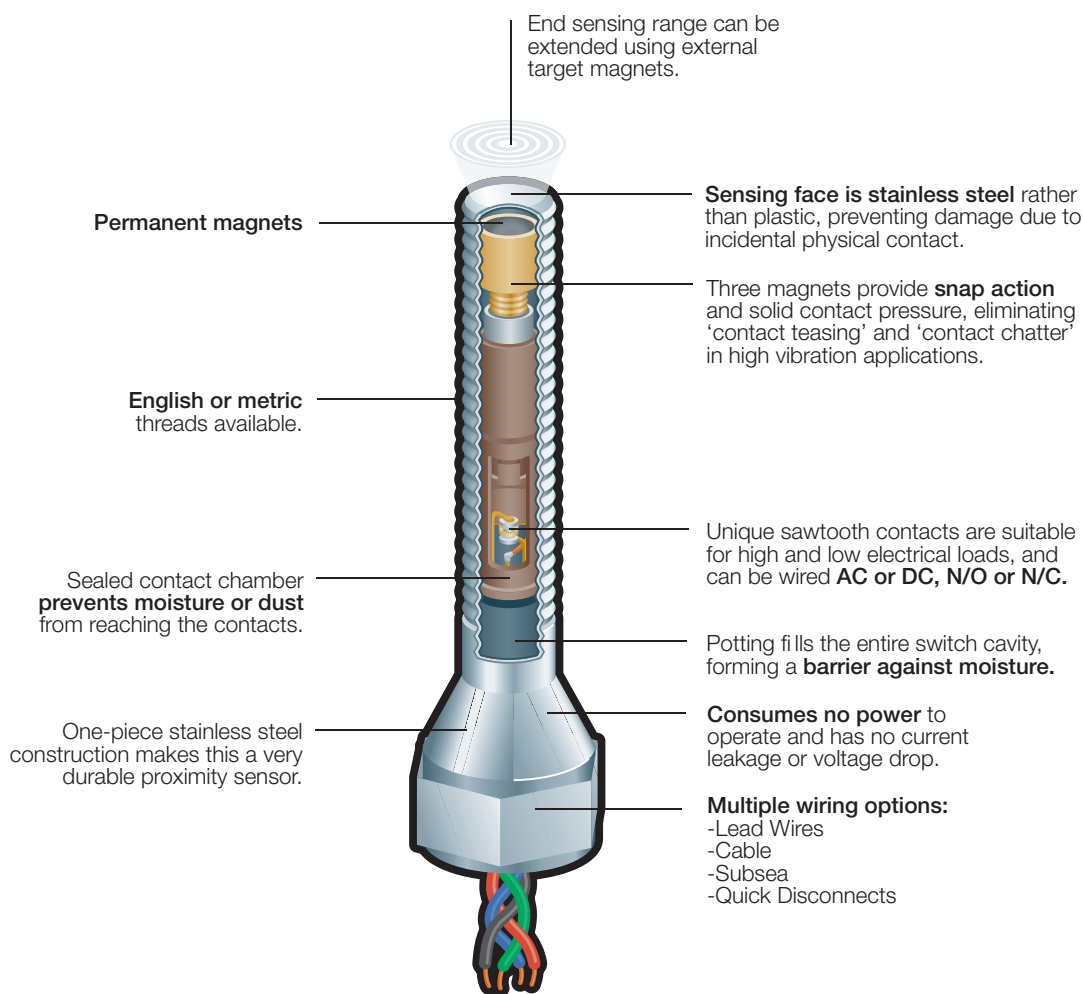
Model	Contact Form	Sensing Range	Outlet Position	Enclosure Materials	Approvals	Wiring Options
Models 11, 21 & 81 ✓11 1 1/2" square x 4 9/16" overall. (Add 1/2" for bottom conduit outlet) ✓21 1 1/2" square x 3 13/16" overall. (Add 1/2" for bottom conduit outlet) 31 1" square x 3 1/4" overall 81 1 1/2" square x 4 3/8" overall. (Add 1/2" for bottom conduit outlet)	✓1 Single Pole Double Throw (Form Q) ✓2 Double Pole Double Throw (Form CC) (Model 81 Only) 3 Single Pole Double Throw (Form Q) Latching (Maintained contact) (Models 11 & 21 only) (Outlet 2, 4 or 5 only)	✓0 1/4" end sensing (Model 81 only) ✓1 Standard sensing - 3/8" side sensing (Model 11 & 21 only) ✓2 Extended sensing - 9/16" side sensing (Contact form must be 1 or 3) (Model 11 only) 7 Precision sensing - 1/4" side sensing (Minimal differential) (Models 11, 21 & 31 only)	1 Behind sensing area (Models 11, 21 & 81 only) 2 Left of sensing area (Models 11 & 21 only) 3 Right of sensing area (Models 11 & 21 only) 4 Same side as sensing area (Models 11 & 21 only) 5 Bottom of enclosure	✓1 Brass with flat black lacquer coating (Models 11, 21 & 81 only) ✓2 Stainless steel* 3 Brass with corrosion resistant coating (Models 11, 21 & 81 only) 4 Stainless steel - corrosion resistant coating (polyurethane!)* * All-welded stainless steel switches are recommended for wet or harsh environments.	✓0 CSA / FM Cl I, Div 2; Grps A-D; Cl II, Div 2; Grps E-G, Cl III Terminal Block (Contact form must be 1 or 3) (Wiring must be 00) (Models 11 & 21 only) 2 High temperature to 350°F (Models 11 & 81; Contact Form 1 or 3 (1 or 2 for Model 81) (Sensing 1; Enclosure 2; Wiring F only) (Models 11, 21 and 81 only) 3 UL Cl I, Div 1 & 2; Grps A-D, Cl II, Div 1 & 2; Grps E-G, Cl III (Enclosure must be 2 or 4) (Lead seal required) (Wiring A, B, and F only) ✓4 CSA / FM Cl I, Div 1; Grps A-D; Cl II, Div 1; Grps E-G, Cl III (Enclosure must be 2 or 4) (Lead seal required) (Wiring A, B, and F only) 5 MSHA approved "Explosion Proof" Enclosure 2 only (Wiring B3 or longer) (Models 11 & 21 only) (Wiring A, B, and F only) ✓6 CSA / FM Cl I, Div 2; Grps A-D; Cl II, Div 2; Grps E-G, Cl III. (Lead seal required) 7 CSA General Purpose ✓8 UL General Purpose	✓Terminal Block 00 (Models 11 & 21 only) ✓Lead Wires - 18 Gauge A2 36" A3 72" A4 144" A ___ Greater than 144" - specify length in 5ft increments Cable - 16 Gauge (Model 81 contact form 1 only) B2 36" B3 72" B4 144" B ___ Greater than 144" - specify length in 5ft increments Mini Change Connector (Models 11, 21, 31, 81) DCA 3 pin DCD 4 pin DCG 5 pin DCH 7 pin (Model 81 only) Micro Change Connector (Models 11, 21, 31, 81) D8A 3 pin D8D 4 pin D8G 5 pin SubSea Connector (Models 11, 21, 81) (Enclosure 2 or 4 only) (Approval 7 or 8 only; 3 pin is 8 only) 30D 3 pin 40D 4 pin 80D 8 pin (Model 81 only) 30E 3 pin 90° 40E 4 pin 90° Hi-Temp™ Leads (Teflon insulated) 18 Gauge F2 36" F3 72" F4 144" F ___ Greater than 144" - specify length in 5ft increments
Ordering Guide Fill in each box to create a complete model number.	Model	Sensing Range	Outlet Position	Enclosure Materials	Approvals	Wiring Options

GO™ SWITCH - PRECISION SENSING

Built to last in the most demanding conditions



With all stainless steel construction, flexible AC/DC, NO/NC, and SPDT/DPDT contact configurations, superior corrosion resistance, and global certifications for all hazardous areas, 70 Series GO Switches outperform inductive proximity switches in the toughest applications.



MODEL 73

GO™ SWITCH - PRECISION SENSING

Built to last in the most demanding conditions



Model 71

Features

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.040" (1mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Lead Wires or Cables
- Quick Disconnects – Micro
- 3/8" or M12 metric thread
- CSA/UL Hazardous Area Approvals



Model 72

Features

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.040" (1mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Lead Wires or Cables
- Quick Disconnects – Micro
- 3/8" or M12 metric thread



Model 73

Features

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.100" (2.5mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Pressure Rating: 2,000, 3,500, 5,000, 10,000 PSI (140, 240, 345, 690 bars)
- Lead Wires or Cables
- SubSea Connectors
- Hermetic Seal
- Quick Disconnects – Micro or Mini
- 5/8" or M18 metric thread
- Global Hazardous Area Approvals



Model 74

Features

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.100" (2.5mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Pressure Rating: 2,000, 5,000, 10,000 PSI (140, 240, 690 bars)
- Lead Wires or Cables
- Water Resistant Squeeze Connectors
- Quick Disconnects – Micro
- 5/8" or M18 metric thread
- ATEX/IECEx Hazardous Area Approvals



Model 75

Features

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.100" (2.5mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Pressure Rating: 2,000, 5,000, 10,000 PSI (140, 240, 690 bars)
- Lead Wires or Cables
- SubSea Connectors
- Hermetic Seal
- Quick Disconnects – Micro or Mini
- 5/8" or M18 metric thread
- Global Hazardous Area Approvals



Model 76

Features

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.100" (2.5mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Pressure Rating: 2,000, 5,000, 10,000 PSI (140, 240, 690 bars)
- Lead Wires or Cables
- Water Resistant Squeeze Connectors
- Quick Disconnects – Micro
- 5/8" or M18 metric thread



Model 7A

Features

- 3.5 SCFM nominal flow rate
- 60 PSI (4 bars) max air supply
- -40°F to 221°F (-40°C to 105°C) operating temperature
- 0.062" (1.5mm) Sensing Distance (Ferrous metal)
- End Sensing
- Stainless Steel 303 Housing
- 5/8" Thread
- Plunger

Options

- 303 Stainless Steel base



Model 7H

Features

- Double Pole Double Throw (DPDT) 1.5A/240VAC, 3A/120VAC, 1A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.090" (2.3mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Lead Wires or Cables
- Quick Disconnects – Mini
- 5/8" thread



Model 7G

Features

- Double Pole Double Throw (DPDT) 1.5A/240VAC, 3A/120VAC, 1A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.090" (2.3mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- Single Pole Double Throw (SPDT) 2A/240VAC, 4A/120VAC, 1A/24VDC
- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Lead Wires or Cables
- Hermetic Seal
- Quick Disconnects – Mini
- 5/8" or M18 metric thread
- Global Hazardous Area Approvals



Model 77

Features

- Single Pole Double Throw (SPDT), 2A/240VAC, 4A/120VAC, 3A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.100" (2.5mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Pressure Rating: 2,000, 5,000, 10,000 PSI (140, 240, 690 bars)
- Lead Wires or Cables
- SubSea Connectors
- Quick Disconnects – Micro or Mini
- 5/8" or M18 metric thread
- Global Hazardous Area Approvals



Model 7I

Features

- Double Pole Double Throw (DPDT) 1.5A/240VAC, 3A/120VAC, 1A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -58°F to 221°F (-50°C to 105°C) operating temperature
- 0.090" (2.3mm) Sensing Distance (Ferrous metal)
- Dry Contact
- Intrinsically Safe
- End Sensing
- Palladium Silver Contacts

Options

- High Temperature: -58°F to +400°F (-50°C to +204°C)
- Stainless Steel 303 or 316 Housings
- Lead Wires or Cables
- Quick Disconnects – Mini
- 5/8" thread
- Global Hazardous Area Approvals



Model 7L

Features

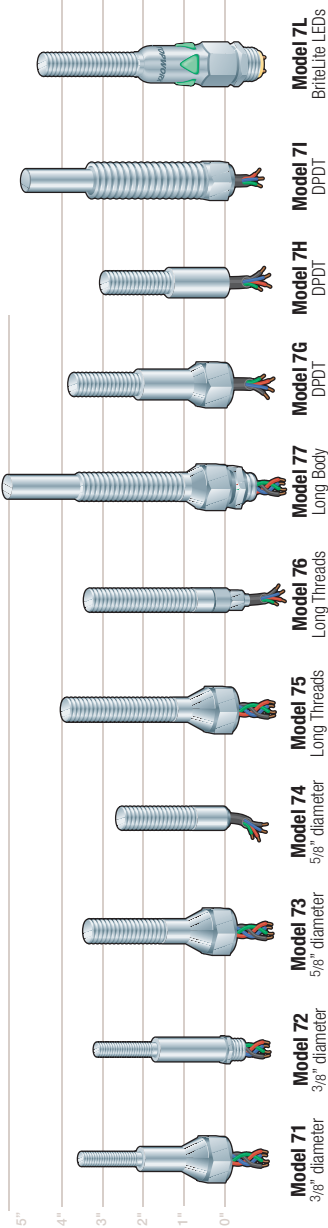
- Single Pole Double Throw (SPDT) 0.25A/120VAC, 0.25A/24VDC
- AC/DC, NO/NC Wiring Flexibility
- -40°F to 160°F (-40°C to 71°C) operating temperature
- 0.100" (2.5mm) Sensing Distance (Ferrous metal)
- End Sensing
- Stainless Steel 316 Housing
- Palladium Silver Contacts

Options

- Lead Wires or Cables
- Quick Disconnects – Mini or Micro
- 5/8" thread
- CSA/UL Hazardous Area Approvals

GO™ SWITCH ORDERING GUIDE - PRECISION SENSING

Choose one option from each category to build a complete model number.



Most popular options



Model

- 71 3/8" x 3 15/16" - 1/2" NPT conduit
- 71M 12M x 100mm - 1/2" NPT conduit
- 72 3/8" x 3 3/8" - No conduit
- 72M 12M x 86mm - No conduit
- 73 5/8" x 3 5/8" - 1/2" NPT conduit
- 73M 18M x 92mm - 1/2" NPT conduit
- 74 5/8" x 2 3/4" - No conduit
- 74M 18M x 70mm - No conduit
- 75 5/8" x 4 5/16" - 1/2" NPT conduit
- 75M 18M x 110mm - 1/2" NPT conduit
- 76 5/8" x 3 3/16" - No conduit
- 76M 18M x 81mm - No conduit hub
- 77 3/4" x 5 13/16" - 1/2" NPT conduit
- 76 5/8" x 4" - 1/2" NPT conduit
- 76M 18M x 102mm - 1/2" NPT conduit
- 7H 5/8" x 3 1/4" - No conduit
- 71" x 5 5/8" - 1/2" NPT conduit
- 7LG 5/8" x 4 3/4" - 1/2" NPT conduit
- 7LR 5/8" x 4 3/4" - 1/2" NPT conduit

Contact Form

- 1 Single Pole Double Throw (Form C)
- 2 Double Pole Double Throw (Form CC) (Model 76, 7H only)

Sensing Range

- 3 Standard sensing - .100" end sensing (Models 73-77, 7L; Enclosure 2 or 6 only)
- Standard sensing - .030" end sensing (Models 76, 7H; Enclosure 2 or 6 only)
- 4 .072" end sensing (Models 73-77; Enclosure 3 or 7 only) (Approvals 2, 7, or 8 only) (Approval 3 if Enclosure is 7)
- 5 .060" end sensing (Models 73-77 only; Enclosure 4; Approvals 2, 7, or 8 only)
- 6 .040" end sensing (Models 71 & 72 only)

Outlet Position

- 5 Bottom of enclosure

Enclosure Materials

- 2 303 stainless steel (rated 2,000 psi) (Sensing 3 or 6 only)
- 3 HP Pressure - 303 stainless steel (rated 5,000psi) (Models 73-77; Sensing 4)
- 4 HP Pressure - 303 stainless steel (rated 10,000 psi) (Models 73-77; Sensing 3; Approval 2, 7, 8 only)
- 6 316 stainless steel (rated 2,000 psi)
- 7 HP Pressure - 303 stainless steel (rated 3,500psi) (Models 73, 75, 77; Sensing 4; Approval 3 only)

Approvals

- 2 HTemp to 400°F (Wiring must be F)
- 3 UL C11 Div 1 & 2 Groups A-D, C-UL Div 1 & 2, Groups E-G (Models 71, 73, 75, 77 & 76) (Wiring A, B, or F) (Lead seal req'd within 18")
- 4 CSA C11 Div 1 Groups A-D, C-UL Div 1, Groups E-G; C11 (Models 71, 73, 75, 77 & 76) (Wiring A, B, or F) (Lead seal req'd within 18")
- 6 CSA C11 Div 2 Groups A-D, C-UL Div 2 Groups E-G; C11 (Models 71, 73, 75, 77 & 76) (Wiring A, B, or F) (Lead seal req'd within 18")
- 7 CSA General Purpose
- 8 UL General Purpose
- 9 ATEXIEC Ex Zone 1 Ex d IIC, Ex ID; A21; IP66 T85C (-20C to +50C) (Model 73, 75, 77, 76 & 7I) (Wiring H for HTemp to +150C)
- T ATEXIEC Ex Zone 1 Ex d IIC, Ex ID; A21; IP66 T85C (-20C to +50C) (Hermetically Sealed) (Model 73 & 76-1 only) (Wiring H for HTemp to +150C)
- F ATEXIEC Ex Zone 0 Ex ia IIC T6 Ga Ex d IIC T85C Da (Lamb = -20C to +50C) (Hermetically sealed) (Model 73 & 76-1 only)
- G ATEXIEC Ex Zone 0, Ex ia IIC T4 Ga Ex d IIC T135C Da (-20C to +100C) (Hermetically Sealed) (Model 73 & 76-1 only; Wiring must be H)
- H ATEXIEC Ex Zone 0, Ex ia IIC T3 Ga (-20C to +150C) (Hermetically Sealed) (Model 73 & 76-1 only; Wiring must be H)
- L INMETRO BR-Ex d Gb BR-Ex d A21 T85C (-20C to +50C) (Hermetically sealed; Model 73 & 76-1 only) (Wiring H for HTemp to +150C)
- M INMETRO BR-Ex d Gb, BR-Ex d A21 T850C (-20C to +50C) (Models 73, 75, 77, 76 & 7I) (Wiring H for HTemp to +150C)
- N NEPSI Ex d IIC T3/T6 (Model 73 only) (Wiring H for HTemp to +150C)

*** Note: Lead seal not req'd for hermetically sealed contacts (Contact Form 1).

Ordering Guide

Fill in each box to create a complete model number.

Model

Contact Form

Sensing Range

Outlet Position

Enclosure Materials

Approvals

Wiring Options

Wiring Options

- Lead Wires - 18 Gauge (DPDT = 20 gauge)
- A2 36"
- A3 72"
- A4 144"
- A... Greater than 144" - specify length in 5ft. increments
- Cable - 18 Gauge (DPDT = 22 gauge)
- B2 36"
- B3 72"
- B4 144"
- B... Greater than 144" - specify length in 5ft. increments
- Water Resistant Squeeze Connector (Models 72, 74, 76 only) (Approval 7 or 8 only)
- C2 36"
- C3 72"
- C4 144"
- C... Greater than 144" - specify length in 5ft. increments
- Mini Change Connector (Models 71, 73, 75, 77, 76 only) (Approval 7 or 8 only; 3 pin is 8 only)
- DDA 3 pin
- DDC 4 pin
- DCG 5 pin
- DCH 7 pin (76 only)
- Micro Change Connector (Models 72, 74, 76) (Approval 7 or 8 only; 3 pin is 8 only)
- DBA 3 pin
- DBD 4 pin
- Sub-Sea Connector (Models 73, 75, 77) (Approval 7 or 8 only; 3 pin is 8 only)
- 3DD 3 pin
- 4DD 4 pin
- 5DD 5 pin (76 only)
- 3DE 3 pin (80"
- 4DE 4 pin (90"
- Hi-Temp™ Leads (Teflon insulated) 18 Gauge (DPDT = 20 gauge)
- F2 36"
- F3 72"
- F4 144"
- F... Greater than 144" - specify length in 5ft. increments
- Hi-Temp™ Leads (Peek insulated) (Models 71-77)
- H2 36"
- H3 72"
- H4 144"
- H... Greater than 144" - specify length in 5ft. increments

TARGET MAGNETS

Increase the Sensing Range of GO Switches



Model	Ferrous Metal Sensing Distance	AMP3 Sensing Distance	AMP4 Sensing Distance	AMF6 Sensing Distance	AMC5 Sensing Distance	AMS7 Sensing Distance	AMS12 Sensing Distance
11	10mm (3/8")	25mm (1")	32mm (1-1/4")	62mm (2-7/16")	86mm (3-5/8")	-	-
21	10mm (3/8")	25mm (1")	35mm (1-3/8")	62mm (2-7/16")	86mm (3-3/8")	-	-
31	6mm (1/4")	19mm (3/4")	25mm (1")	41mm (1-5/8")	67mm (2-5/8")	-	-
71	1mm (.040")	3mm (.120")	4mm (.150")	-	-	3mm (.130")	11mm (7/16")
72	1mm (.040")	3mm (.120")	4mm (.150")	-	-	3mm (.130")	11mm (7/16")
73	2.5mm (.100")	5mm (.200")	9mm (.350")	-	-	5mm (.200")	13mm (1/2")
74	2.5mm (.100")	5mm (.200")	9mm (.350")	-	-	5mm (.200")	13mm (1/2")
75	2.5mm (.100")	5mm (.200")	9mm (.350")	-	-	5mm (.200")	13mm (1/2")
76	2.5mm (.100")	5mm (.200")	9mm (.350")	-	-	5mm (.200")	13mm (1/2")
77	2.5mm (.100")	5mm (.200")	9mm (.350")	-	-	5mm (.200")	13mm (1/2")
7G	2mm (.090")	4mm (.150")	5mm (.200")	-	-	4mm (.150")	13mm (1/2")
7H	2mm (.090")	4mm (.150")	5mm (.200")	-	-	4mm (.150")	13mm (1/2")
7I	2mm (.090")	4mm (.150")	5mm (.200")	-	-	4mm (.150")	13mm (1/2")
7L	2.5 (.100")	5mm (.200")	9mm (.350")	-	-	5mm (.200")	13mm (1/2")
81	6mm (1/4")	24mm (15/16")	35mm (1-3/8")	70mm (2-3/4")	98mm (3-7/8")	-	-