

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

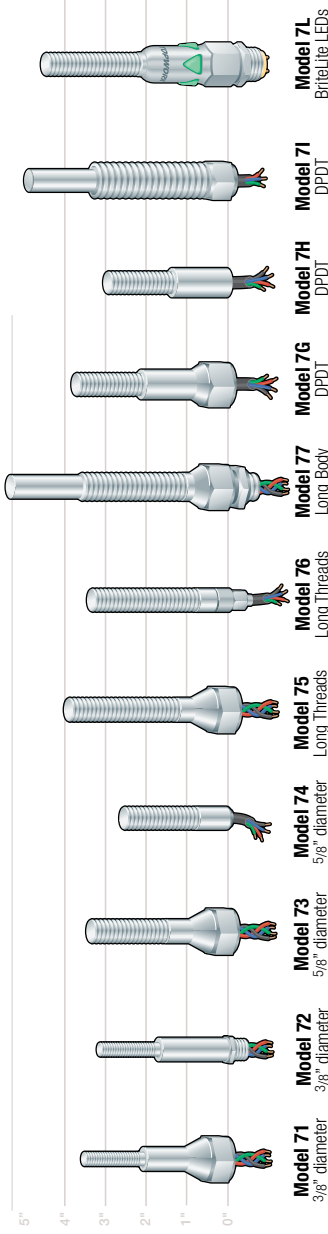
- Lead Wires or Cables
- Quick Disconnects – Mini or Micro
- 5/8" thread
- CSA/UL Hazardous Area Approvals

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
- 7I 1" x 5 5/8" - 1/2" NPT conduit
- 7L 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 7G, 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 7G, 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-essure - 303 stainless steel (rated 5,000psi) (Models 73-77; Sensing 5; Approval 2, 7, 8 only)
- 4 HP-essure - 303 stainless steel (rated 10,000 psi) (Models 73-77; Sensing 5; Approval 2, 7, 8 only)
- 6 316 stainless steel (rated 2,000 psi)
- 7 HP-essure - 303 stainless steel (rated 3,500psi) (Models 73, 75, 77; Sensing 4; Approval 3 only)

Approvals

- 2 HiTemp to 400°F (Wiring must be F)
- 3 UL Cl Div 1 & 2 Groups A-D, Cl II Div 1 & 2, Groups E-G (Models 71, 73, 75, 77 & 7G) (Wiring A, B, or F) (Lead seal req'd within 18")
- 4 CSA Cl Div 1 Groups A-D, Cl II Div 1, Groups E-G, Cl III (Models 71, 73, 75, 77 & 7G) (Wiring A, B, or F) (Lead seal req'd within 18")
- 6 CSA Cl I, Div 2 Groups A-D, Cl II, Div 2 Groups E-G, Cl III (Models 71, 73, 75, 77 & 7G) (Wiring A, B, or F) (Lead seal req'd within 18")
- 7 CSA General Purpose
- 8 UL General Purpose
- 9 ATEX/IEC Ex Zone 1 Ex d IIC, Ex ID, A21; IP66 T85C (-20C to +50C) (Model 73, 75, 77, 7G & 7I) (Wiring H for HiTemp to +150C)
- T ATEX/IEC Ex Zone 1 Ex d IIC, Ex ID, A21; IP69, T85C (-20C to +50C) (Hermetically Sealed) (Model 73 & 7G-1 only) (Wiring H for HiTemp to +150C)
- F ATEX/IEC Ex Zone 0 Ex ia IIC T6 Ga Ex d IIC T85C Da (Lamb = -20C to +50C) (Hermetically sealed) (Model 73 & 7G-1 only)
- G ATEX/IEC Ex Zone 0, Ex ia IIC T4 Ga, Ex d, IIC T135C Da (-20C to +100C) (Hermetically Sealed) (Model 73 & 7G-1 only; Wiring must be H)
- H ATEX/IEC Ex Zone 0, Ex ia IIC T3 Ga (-20C to +150C) (Hermetically Sealed) (Model 73 & 7G-1 only; Wiring must be H)
- L INMETRO BR-Ex d Gb, BR-Ex d A21, T85C (-20C to +50C) (Hermetically sealed, Model 73 & 7G-1 only) (Wiring H for HiTemp to +150C)
- M INMETRO BR-Ex d Gb, BR-Ex d A21, T85C (-20C to +50C) (Models 73, 75, 77, 7G & 7I) (Wiring H for HiTemp to +150C)
- N NEPSI Ex d IIC, T3/T6 (Model 73 only) (Wiring H for HiTemp to +150C)

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

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)
 - C2 36"
 - C3 72"
 - C... Greater than 144" - specify length in 5ft. increments
- Mini Change Connector (Models 71, 73, 75, 77, 7G only)
 - DCA 3 pin
 - DCG 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
 - DBD 5 pin
- Sub-Sea Connector (Models 73, 75, 77) (Approval 7 or 8 only; 3 pin is 8 only)
 - 3DD 3 pin
 - 4DD 4 pin
 - 4DD 8 pin (76 only)
 - 3DE 4 pin (80)
 - 4DE 4 pin (90)
- Hi-Temp™ Leads (Epoxy 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

Ordering Guide
Fill in each box to create a complete model number.

Model

Contact Form

Sensing Range

Outlet Position

Enclosure Materials

Approvals

Wiring Options