

GO™ Switch Models 7G, 7H, & 7I (IEC Area Classification)

Model	Contact Form	Sensing Range	Outlet Position	Enclosure Material	Area Classification	Wiring Options	Regional Certs									
7G 5/8" - 18 mounting thread 1/2" NPT conduit entry (3/4" NPT conduit entry for DPDT hermetic seal)	1 SPDT Hermetic Seal (7G only) 2 DPDT	3 Standard sensing approx. .090" end sensing (Rated 2,000psi)	5 Bottom of enclosure	6 316L stainless steel No Adder	9 ATEX/IECEx Zone 1 Ex db IIC T6 Gb, Ex tb IIIC T85°C Db, IP66 (-40°C ≤ Ta ≤ 50°C) (Wiring A or B) Ex db IIC T4/T3 Gb, Ex tb IIIC T135°C/T200°C Db, IP66 (-40C ≤ Ta ≤100°C/150°C) (Wiring F or H) (7G-1, 7G-2 and 7I-2) T ATEX/IECEx Zone 1 Ex db IIC T6 Gb, Ex tb IIIC T85°C Db, IP66 (-60°C ≤ Ta ≤ 50°C) (Wiring B) (7G-1 only) Ex db IIC T6 Gb, Ex tb IIIC T85°C Db, IP66 (-40°C ≤ Ta ≤ 50°C) (Wiring A) Ex db IIC T4/T3 Gb, Ex tb IIIC T135°C/T200°C Db, IP66 (-40°C≤ Ta≤100°C/150°C) (Wiring F or H) (Hermetically Sealed Models 7G-1 and 7G-2) F ATEX/IECEx Zone 0, Ex ia IIC T6 Ga, Ex ia IIIC T85°C Da (-40°C ≤ Ta ≤ 50°C) (Hermetically Sealed Models 7G-1 and 7G-2) (Wiring must be S) G ATEX/IECEx Zone 0, Ex ia IIC T4 Ga, Ex ia IIIC T135°C Da (-40C ≤ Ta ≤ 100°C) (Hermetically Sealed Models 7G-1 and 7G-2) (Wiring must be S) H ATEX/IECEx Zone 0, Ex ia IIC T3 Ga Ex ia IIIC T200°C Da (-40C ≤ Ta ≤ 150C) (Hermetically Sealed Models 7G-1 and 7G-2) (Wiring must be S)	Lead Wires - SPDT-18AWG PVC insulated DPDT- 20AWG PVC insulated A2 3' A3 6' A4 12' A5 25' A6 50' A7 100' A8 250' Cable - SPDT-18AWG PVC insulated DPDT-22 AWG PVC insulated B2 3' B3 6' B4 12' B5 25' B6 50' B7 100' B8 250' Hi-Temp Leads SPDT-18AWG gauge, Teflon™ insulated DPDT-20AWG Teflon™ insulated F2 3' F3 6' F4 12' F5 25' F6 50' F7 100' F8 250' Hi-Temp Leads 18 gauge, Peek insulated H2 3' H3 6' H4 12' H5 25' H6 50' H7 100' H8 250' Cable - 18 gauge Blue Silicone (Area Classification must be F, G, or H) S2 3' S3 6' S4 12' S5 25' S6 50' S7 100' S8 250'	B InMetro (Area Classification 9 & T only) K KOSHA (Area Classification 9 & T only) N NEPSI (Area Classification 9 & T only) P PESO (Area Classification 9, T, F, G & H only) R EAC (Area Classification 9, T, F, G & H only)									
7GM M18 -1 mounting thread M20 conduit entry (M25 conduit entry for DPDT hermetic seal)																
7H 5/8" - 18 mounting thread No conduit entry																
7I 1" - 14 mounting thread 1/2" NPT conduit entry																
Extended Sensing Range with External Target Magnets <table><tr><td>Magnet</td><td>Sensing</td><td>Differential</td></tr><tr><td>AMP3</td><td>0.15"</td><td>0.30"</td></tr><tr><td>AMS4</td><td>0.20"</td><td>0.30"</td></tr></table>								Magnet	Sensing	Differential	AMP3	0.15"	0.30"	AMS4	0.20"	0.30"
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Ordering Guide Fill in the boxes to create your 'ordering number.'																
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GO™ Switch Models 71,73,75,77 (NEC Area Classification)

Model	Contact Form	Sensing Range	Outlet Position	Enclosure Material	Area Classification	Wiring Options	Regional Certs																								
71	1 SPDT	3 Standard sensing .100" end sensing (Rated 2,000psi) Models 73-77	5 Bottom of enclosure	6 316L Stainless steel	2 HiTemp to 400°F (Wiring F only)	Lead Wires - 18 gauge, PVC insulated A2 3' A3 6' A4 12' A5 25' A6 50' A7 100' A8 250' Cable - 18 gauge, PVC insulated B2 3' B3 6' B4 12' B5 25' B6 50' B7 100' B8 250' Quick Disconnect Mini Connector* (Area Classification must be 7 or 8) DCA 3 pin DCD 4 pin SubSea Connector* (Models 73-77) 3DD 3 pin 4DD 4 pin 3DE 3 pin 90° 4DE 4 pin 90° Hi-Temp Leads 18 gauge, Teflon™ F2 3' F3 6' F4 12' F5 25' F6 50' F7 100' F8 250'	Currently not available																								
71M		M12 -1 mount- ing thread M20 conduit entry			4 .072" end sensing (Rated 5,000psi) (Area Classification must be 2,3,7, or 8) Models 73-77			3 UL CI I Div 1, Grps A-D; CI II Div 1, Grps E-G; CI III (Wiring A, B, or F) (Lead seal req'd within 18") (Does not incl. a ground wire)																							
73		5/8" - 18 mounting thread 1/2" NPT conduit entry			5 .060" end sensing (Rated 10,000psi) (Area Classifica- tions must be 2,7,or 8) Models 73-77			4 cUL CI I Div 1 Grps A-D; CI II Div 1, Grps E-G; CI III (Wiring A, B, or F) (Lead seal req'd within 18")																							
73M		M18 - 1 mount- ing thread M20 conduit entry			6 .040" end sensing (Rated 2000 psi) Model 71			5 UL CI I Div 2 Grps A-D; CI II Div 2, Grps E-G; CI III (Wiring A, B, or F) (Lead Seal req'd within 18") (Does not incl. a ground wire)																							
75		5/8" - 18 mounting thread 1/2" NPT conduit entry						6 cUL CI I, Div 2 Grps A-D; CI II, Div 2 Grps E-G; CI III (Wiring A, B, or F) (Lead seal req'd within 18")																							
75M		M18 -1 mount- ing thread M20 conduit entry						7 cUL General Purpose (If a QDC is required. Con- nectors must be DCD, 4DD, or 4DE)																							
77		3/4"-16 mount ing thread 1/2" NPT conduit entry						8 UL General Purpose (Does not incl. a ground wire)																							
Extended Sensing Range with External Target Magnets 71 Series <table><tr><th>Magnet</th><th>Sensing</th><th>Differential</th></tr><tr><td>AMP3</td><td>0.12"</td><td>0.07"</td></tr><tr><td>AMS4</td><td>0.15"</td><td>0.10"</td></tr><tr><td>AMS7</td><td>0.13"</td><td>0.05"</td></tr></table> Extended Sensing Range with External Target Magnets 73,75, 77 Series <table><tr><th>Magnet</th><th>Sensing</th><th>Differential</th></tr><tr><td>AMP3</td><td>0.20"</td><td>0.25"</td></tr><tr><td>AMS4</td><td>0.35"</td><td>0.15"</td></tr><tr><td>AMS7</td><td>0.20"</td><td>0.05"</td></tr></table>								Magnet	Sensing	Differential	AMP3	0.12"	0.07"	AMS4	0.15"	0.10"	AMS7	0.13"	0.05"	Magnet	Sensing	Differential	AMP3	0.20"	0.25"	AMS4	0.35"	0.15"	AMS7	0.20"	0.05"
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