



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

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**CERTIFICATE NO.:** 2024010305637937

**NAME AND ADDRESS OF THE APPLICANT**

TopWorx Inc.  
3300 Fern Valley Road, Louisville, KY 40213, USA

**NAME AND ADDRESS OF THE MANUFACTURER**

TopWorx Inc.  
3300 Fern Valley Road, Louisville, KY 40213, USA

**NAME AND LOCATION OF THE FACTORY**

TopWorx Inc.  
3300 Fern Valley Road, Louisville, KY 40213, USA

**PRODUCT NAME,MODEL AND SPECIFICATION**

Magnet switch  
7 : Ui:480V; Uimp:2.5kV; Ith:4A; AC-12:Ue/Ie:240VAC/2A, 120VAC/4A ; DC-12:Ue/Ie:24VDC/3A;  
IP66 See the appendix

**STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS**

GB/T 14048.5-2017

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification(REFNO. CNCA-C03-02:2024).

**Valid from:** Jul.03,2024

**Valid until:** Jun.03,2029

Date of original issued: Jun.04,2024

The certificate information and validity could be checked by scanning the QR code below or logging in to the website of the issuing authority, or on the website of the CNCA (www.cnca.gov.cn).



SIGNATURE:

谢肇煦



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## 型号解释:

Go Switch Models 71, 71M, 73, 73M, 75, 75M and 77

E.g. Model No.: 71 1 3 5 2 2 F2 N XXXX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

### ① Model 型号

71: 3/8" UNF external thread x 3-15/16" overall length, with 1/2NPT cable entry (3/8" UNF 外螺纹 x 3-15 / 16" 总长度, 带 1 / 2NPT 电缆入口)

71M: 12mm external thread x 3-15/16" overall length, with M20 cable entry (12mm 外螺纹 x 3-15 / 16" 总长度, 带 M20 电缆入口)

73: 5/8" UNF external thread x 3-5/8" overall length, with 1/2NPT cable entry (5/8" UNF 外螺纹 x 3-5 / 8" 总长度, 1 / 2NPT 电缆入口)

73M: 18mm external thread x 3-5/8" overall length, with M20 cable entry (18mm 外螺纹 x 3-5 / 8" 总长度, 带 M20 电缆入口)

75: 5/8" UNF external thread x 4-5/16" overall length, with 1/2NPT cable entry (5/8" UNF 外螺纹 x 4-5 / 16" 总长度, 带 1 / 2NPT 电缆入口)

75M: 18mm external thread x 4-5/16" overall length, with M20 cable entry (18mm 外螺纹 x 4-5 / 16" 总长, 带 M20 电缆入口)

77: 3/4 UNF external thread x 5-13/16" overall length, with 1/2NPT cable entry (3/4 UNF 外螺纹 x 5-13 / 16" 总长度, 1 / 2NPT 电缆入口)

### ② Contact Form 连接类型

1: SPDT

### ③ Sensing Range 感应范围

3: 0.100" standard (Enclosure Type 2 or 6) (标准 (外壳类型2或6))

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- 4: 0.072" (Enclosure must be 3 or 7 and Approvals must be 2,3,7,8 or 9) ( (外壳必须为3或7, Approvals必须为2,3,7,8或9) )
- 5: 0.060" (Enclosure must be 4 and Approvals must be 2, 7, 8 or 9) ( (外壳必须为4, Approvals必须为2,7,8或9) )
- 6: 0.040" standard (Model 71) (标准 (型号71) )
- ④Outlet Position 出口位置
- 5: Bottom, or opposite of the sensing face of switch 开关传感面的底部或对面
- ⑤Enclosure Material 外壳材料
- 2: 303 stainless steel (rated 2,000 psi) (Sensing must be 3 or 6) (303不锈钢 (额定压力2,000 psi) (传感必须为3或6) )
- 3: Hi Pressure-303 stainless steel (rated 5,000psi) (Models 73-77) (Sensing must be 4 and Approval must be 2, 7 or 8) (Hi Pressure-303不锈钢 (额定5,000psi) (型号73-77) (传感必须为4, 认证必须为2,7或8) )
- 4: Hi Pressure-303 stainless steel (rated 10,000psi) (Models 73-77) (Sensing must be 5 and Approval must be 2, 7 or 8) (Hi Pressure-303不锈钢 (额定10,000psi) (型号73-77) (传感必须为5, 认证必须为2,7或8) )
- 6: 316 Stainless steel (rated 2,000 psi) (316不锈钢 (额定压力2,000 psi) )
- 7: Hi Pressure-303 stainless steel (rated 2,500psi) (Model 73, 75 or 77 14573-xx only) (Wiring must be A, B or F) (Hi Pressure-303不锈钢 (额定压力2,500psi) (仅适用于型号73,75或77 14573-xx) (接线必须为A, B或F) )
- ⑥Area Classification\* 区域分类
- 2: Hi Temperature to 400°F (Wiring option F only)
- 3: UL / Class I, Div 1, GrABCD; Class II, Div 1, GrEFG; Class III (Wiring A,B,F)(lead seal req'd within 18")
- 4: cUL / Class I, Div 1, GrABCD; Class II, Div 1, GrEFG; Class III (Wiring A,B,F)(lead seal req'd within 18")
- 5: UL / Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Wiring A,B,F)(lead seal req'd within 18")
- 6: cUL / Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Wiring A,B,F)(lead seal req'd within 18")
- 7: cUL listed General Purpose

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8: UL listed General Purpose  
9: IECEx/ATEX Zone 1, Ex db IIC T6 Gb; Ex tb IIIC T85°C Db; IP66  
(-40°C to 50°C)(Wiring A,B)  
IECEX/ATEX Zone 1, Ex db IIC T4/T3 Gb; Ex tb IIIC T135°C/T200°C Db; IP66  
(-40°C to 100°C/150°C)(Wiring F,H)  
T: Model 73, 73M only (Hermetically sealed)  
IECEX/ATEX Zone 1, Ex db IIC T6 Gb; Ex tb IIIC T85°C Db; IP66  
(-40°C to 50°C)(Wiring A,B)  
IECEX/ATEX Zone 1, Ex db IIC T4/T3 Gb; Ex tb IIIC T135°C/T200°C Db; IP66  
(-40°C to 100°C/150°C)(Wiring F,H)  
F: IECEx/ATEX Zone 0, Ex ia IIC T6 Ga; Ex ia IIIC T85°C Da (-40°C to 50°C)(Wiring S)(IF 73,73M=hermetic seal)  
G: IECEx/ATEX Zone 0, Ex ia IIC T4 Ga; Ex ia IIIC T135°C Da (-40°C to 100°C)(Wiring S)(IF 73,73M=hermetic seal)  
H: IECEx/ATEX Zone 0, Ex ia IIC T3 Ga; Ex ia IIIC T200°C Da (-40°C to 150°C)(Wiring S)(IF 73,73M=hermetic seal)  
⑦Wiring / Termination 接线/触点  
A2 thru A8: 3ft up to 250ft length, 18GA, PVC insulated lead wires (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘引线)  
B2 thru B8: 3ft up to 250ft length, 18GA, PVC insulated cable (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘电缆)  
F2 thru F8: 3ft up to 250ft length, 18GA, Teflon™ insulated lead wires (3英尺至250英尺长, 18GA, Teflon™绝缘引线)

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H2 thru H8: 3ft up to 250ft length, 18GA, PEEK insulated lead wires (3英尺至250英尺长, 18GA, PEEK绝缘导线)

S2 thru S8: 3ft up to 250ft length, 18GA, Silicone insulated cable (3英尺至250英尺长, 18GA, 硅胶绝缘电缆)

DBA: 3-pin Micro connector, male (Area Class 8 only) (3针Micro连接器, 公头 (仅限Area Class 8))

DBD: 4-pin Micro connector, male (Area Class 7 only) (4针微型连接器, 公头 (仅限Area Class 7))

DCA: 3-pin male Mini Quick Disconnect (Approval must be 7 or 8) (3针公头小型快速断开 (必须为7或8))

DCD: 4-pin male Mini Quick Disconnect (Approval must be 7 or 8) (4针公头小型快速断开 (必须为7或8))

DCG: 5-pin male Mini Quick Disconnect (Approval must be 7 or 8) (5针公头小型快速断开 (必须为7或8))

DMD: 4-pin male Micro Quick Disconnect (Approval must be 7 or 8) (4针公头微型快速断开 (必须为7或8))

3DD: 3-pin male, straight, SubSea Connector (Approval must be 7 or 8) (3针公头, 直头, SubSea连接器 (必须为7或8))

4DD: 4-pin male, straight, SubSea Connector (Approval must be 7 or 8) (4针公头, 直头, SubSea连接器 (必须为7或8))

3DE: 3-pin male, 90degree, SubSea Connector ((Approval must be 7 or 8) (3针公头, 90度, SubSea连接器 (必须为7或8))

4DE: 4-pin male, 90degree, SubSea Connector ((Approval must be 7 or 8) (4针公头, 90度, SubSea连接器 (必须为7或8))

## ⑧. Regional Certifications 区域认证

Blank, OR

N : NEPSI certified Ex d IIC T\* Gb; Ex tD A21 IP66 T\* (Area Class 9 & T only)(Ref current NEPSI certificate)

K : KOSHA certified Ex d IIC T\* (Ref cert#14-AV4BO-0160X), Ex tD A21 IP68 T\* (Ref current KOSHA certificate)(Area Class 9 & T only)

P : PESO certified Ex db IIC T\* Gb (Ref cert#P396877)(Area Class 9 & T only) OR, Ex ia IIC T\* Ga (Ref current PESO certificate)(Area Class F,G,H only)

R : EAC certified 1 Ex d IIC T\* Gb X, Ex tb IIIC T\* Db X (Ref current EAC certificate)(Area Class 9 & T only), OR 0 Ex ia IIC T\* Ga X, Ex is IIIC T\* Da X

(Ref current EAC certificate)(Area Class F,G,H only)

## ⑨. Custom(Optional) 自定义 (可选)

Blank: No Custom number, OR 空白, 或者

May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use, does not affect product safety or production process. 可能包含4个数字, 表示自定义报价, 不影响保护方法。4个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。

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Go Switch Models 72, 72M, 74, 74M, 76 and 76M

E.g. Model No.: 72 1 3 5 2 8 A2 N xxxx  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Model 型号

72: 3/8" UNF external thread x 3-3/8" overall length (3/8"UNF外螺纹x 3-3 / 8"总长度)

72M: 12mm external thread x 3-3/8" overall length (12mm外螺纹x 3-3 / 8"总长度)

74: 5/8" UNF external thread x 2-13/16" overall length (5/8"UNF外螺纹x 2-13 / 16"总长度)

74M: 18mm external thread x 2-13/16" overall length (18mm外螺纹x 2-13 / 16"总长度)

76: 5/8" UNF external thread x 3-1/4" overall length (5/8"UNF外螺纹x 3-1 / 4"总长度)

76M: 18mm external thread x 3-1/4" overall length (18mm外螺纹x 3-1 / 4"总长度)



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②Contact Form 连接类型

1: SPDT

③Sensing Range 感应范围

3: 0.100" standard (Enclosure Type 2 or 6)(Model 74, 74M, 76, 76M) 标准(外壳类型2或6)(型号74,74M,76,76M)

4: 0.072" (Enclosure Type 3 or 7, Approval must be 2, 7, 8 or 9)(Model 74, 74M, 76, 76M) (外壳类型3或7, Approval必须是2,7,8或9) (型号74,74M,76,76M)

5: 0.060" (Enclosure Type 4, Approval must be 2, 7, 8 or 9)(Model 74, 74M, 76, 76M) (外壳类型4, Approval必须是2,7,8或9) (型号74,74M,76,76M)

6: 0.040" standard (Model 72 only) (标准 (仅限72型))

④Outlet Position 出口位置

2: Side outlet (Approval must be 2 or 8)(Wiring must be F) 侧出口 (必须为2或8) (接线必须为F)

5: Bottom, or opposite of the sensing face of switch 开关传感面的底部或对面

⑤Enclosure Material 外壳材料

2: 303 stainless steel (rated 2kpsi)(Sensing must be 3 or 6) (303不锈钢 (额定2kpsi) (传感必须为3或6))

3: Hi-pressure 303/316 stainless steel (rated 5kpsi)(Models 74, 74M, 76, 76M)(Sensing must be 4, Approval must be 2, 7 or 8) (高压 303/316不锈钢 (额定5kpsi) (型号74,74M, 76,76M) (传感必须为4, 认证必须为2,7或8))

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4: Hi-pressure 303/316 stainless steel (rated 10kpsi)(Models 74, 74M, 76, 76M)(Sensing must be 5, Approval must be 2, 7 or 8) (高压303/316不锈钢 (额定5kpsi) (型号74,74M, 76,76M) (传感必须为4, 认证必须为2,7或8))  
6: 316 stainless steel (rated 2kpsi)(Model 72, 72M)  
⑥Area Classification\* 区域分类  
2: Hi Temperature to 400°F (Wiring option F only)  
7: cUL listed General Purpose  
8: UL listed General Purpose  
9: IECEx/ATEX Zone 1, Ex db IIC T6/T4/T3 Gb; Ex tb IIIC T85°C/135°C/200°C Db; IP66 (-55°C to 50°C/100°C/100°C)(Model 74, 74M only)(Outlet 5 only)(Wiring R only)  
F: IECEx/ATEX Zone 0, Ex ia T6 Ga; Ex ia IIIC T85°C Da (-40°C to 50°C)(Outlet 5 only)(Wiring S only)  
G: IECEx/ATEX Zone 0, Ex ia T4 Ga; Ex ia IIIC T135°C Da (-40°C to 100°C)(Outlet 5 only)(Wiring S only)  
H: IECEx/ATEX Zone 0, Ex ia T3 Ga; Ex ia IIIC T200°C Da (-40°C to 150°C)(Outlet 5 only)(Wiring S only)  
⑦Wiring Option 接线  
A2 thru A8: 3ft up to 250ft length, 18GA, PVC insulated lead wires (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘引线)  
B2 thru B8: 3ft up to 250ft length, 18GA, PVC insulated cable (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘电缆)  
C2 thru C8: 3ft up to 250ft length, 18GA, PVC insulated cable, water resistant (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘电缆, 防水)  
F2 thru F8: 3ft up to 250ft length, 18GA, Teflon™ insulated lead wires (3英尺至250英尺长, 18GA, Teflon™绝缘引线)  
N2 thru N8: 3ft up to 250ft length, 18GA, Niltox™ cable (3英尺至250英尺长, 18GA, Niltox™电缆)  
R2 thru R8: 3ft up to 250ft, Raychem cable (model 72, 74, 76 only)(Area Class 9 only) (3英尺至250英尺长, Raychem电缆 (仅限72,74,76型) (仅限Area Class 9))

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S2 thru S8: 3ft up to 250ft length, 18GA, Silicone insulated cable (3英尺至250英尺长, 18GA, 硅胶绝缘电缆)  
DBA: 3-pin male Micro Quick Disconnect (Approval must be 7 or 8) (3针公头微型快速连接器, 公头 (必须为7或8))  
DBD: 4-pin male Micro Quick Disconnect (Approval must be 7 or 8) (4针公头微型快速连接器, 公头 (必须为7或8))  
DBG: 5-pin male Micro Quick Disconnect (Approval must be 7 or 8) (5针公头微型快速连接器, 公头 (必须为7或8))  
DMD: 4-pin male Micro Quick Disconnect (Approval must be 7 or 8) (4针公头微型快速连接器, 公头 (必须为7或8))

⑧Regional Certs 区域认证

Blank or,

N: NEPSI Ex d IIC T3/T4/T6 Gb, Ex tD A21 IP66 T200°C/T135°C/T85°C

⑨Custom model number 自定义编号

Blank, or May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use, does not affect the product safety or production process 空白, 或者可能包含4个数字, 表示自定义报价 不影响保护方法。4个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。

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Go Switch models 7 Series with Connection Head Terminals

E.g. Model No.: 7G 2 3 5 2 Y JAM xxxx

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Model 型号

- 73: 5/8 UNF external thread (5/8 UNF 外螺纹)
- 73M: 18mm external thread (18mm 外螺纹)
- 75: 5/8 UNF external thread (5/8 UNF 外螺纹)
- 75M: 18mm external thread (18mm 外螺纹)
- 77: 3/4 UNF external thread (3/4 UNF 外螺纹)
- 7G: 5/8 UNF external thread (5/8 UNF 外螺纹)
- 7GM: 18mm external thread (18mm 外螺纹)

② Contact Form 连接类型

- 1: SPDT (Model 73, 73M, 75, 75M, 77, 7G, 7GM)(7G-1, 7GM-1 = hermetic seal)
- 2: DPDT (Model 7G, 7GM only)

③ Sensing Range 感应范围

- 3: 0.100" standard (Enclosure Type 2 or 6) 标准 (外壳类型 2 或 6)
- 4: 0.072" (Enclosure Type 3) (外壳类型 3)
- 5: 0.060" (Enclosure Type 4) (外壳类型 4)

④ Outlet Position 出口位置

- 5: Bottom, or opposite of the sensing face of switch 开关传感面的底部或对面

⑤ Enclosure Material 外壳材料

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- 2: 303 stainless steel (rated 2kpsi)(Sensing must be 3) (303 不锈钢(额定 2kpsi) (传感必须为 3))
- 3: Hi-pressure 303/316 stainless steel (rated 5kpsi)(Sensing must be 4) (高压 303/316 不锈钢(额定 5kpsi)(传感必须为 4))
- 4: Hi-pressure 303/316 stainless steel (rated 10kpsi)(Sensing must be 5) (高压 303/316 不锈钢(额定 10kpsi) (传感必须为 5))
- 6: 316 stainless steel (rated 2kpsi)(Sensing must be 3) (316 不锈钢(额定 2kpsi) (传感必须为 3))

⑥Area Classification\* 区域分类

- X: IECEx/ATEX Zone 1, Ex de IIC T6/T4 Gb; Ex tb IIIC T85°C/135°C Db; IP66  
(-40°C to 50°C/100°C)(Model 73, 73M, 7G-1, 7GM-1 only)(Hermetic Seal)
- Y: IECEx/ATEX Zone 1, Ex de IIC T6/T4 Gb; Ex tb IIIC T85°C/135°C Db; IP66  
(-40°C to 50°C/100°C)

⑦Wiring Option 接线

- JAM: Aluminum Connection Head, rated Ex e, M20 cable entry (铝制连接头, 额定 Ex e, M20 电缆入口)
- JAP: Aluminum Connection Head, rated Ex e, 1/2NPT cable entry (铝制连接头, 额定 Ex e, 1/2NPT 电缆入口)
- JSM: Stainless steel Connection Head, rated Ex e, M20 cable entry (不锈钢连接头, 额定 Ex e, M20 电缆入口)
- JSP: Stainless steel Connection Head, rated Ex e, 1/2NPT cable entry (不锈钢连接头, 额定 Ex e, 1/2NPT 电缆入口)

⑧Custom(Optional) 自定义 (可选)

May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use, does not affect the product safety or production process. 可能包含 4 个数字, 表示自定义报价 不影响保护方法。4 个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。

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GO Switch Model 7L

E.g. Model No.: 7LG 1 3 5 6 8 A2 XXXX  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Model 型号

7LG: 5/8 UNF external thread x 4-3/4: overall length, Green LED Indication (5/8 UNF 外螺纹 x 4-3/4: 总长度, 绿色 LED 指示)

7LR: 5/8 UNF external thread x 4-3/4: overall length, Red LED Indication (5/8 UNF 外螺纹 x 4-3/4: 总长度, 红色 LED 指示)

7LY: 5/8 UNF external thread x 4-3/4: overall length, Green/Red LED Indication (5/8 UNF 外螺纹 x 4-3/4: 总长度, 绿色/红色 LED 指示)

② Contact Form 连接类型

1: SPDT

③ Sensing Range 感应范围

3: 0.100" standard

④ Outlet Position 出口位置

5: Bottom, or opposite of the sensing face of switch 开关传感面的底部或对面

⑤ Enclosure Material 外壳材料

6: 316 stainless steel (rated 2kpsi) 316 不锈钢 (额定压力 2kpsi)

⑥ Area Classification\* 区域分类

8: UL/cUL listed General Purpose

E: UL/cUL listed Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Wiring A or B)(Lead seal req'd within 18")

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## ⑦Wiring Option 接线

A2 thru A8: 3ft up to 250ft length, 18GA, PVC insulated lead wires (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘引线)

B2 thru B8: 3ft up to 250ft length, 18GA, PVC insulated cable (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘电缆)

DCA: 3-pin male Mini Quick Disconnect (Approval must be 8) (3针公头迷你快速连接器 (必须为8))

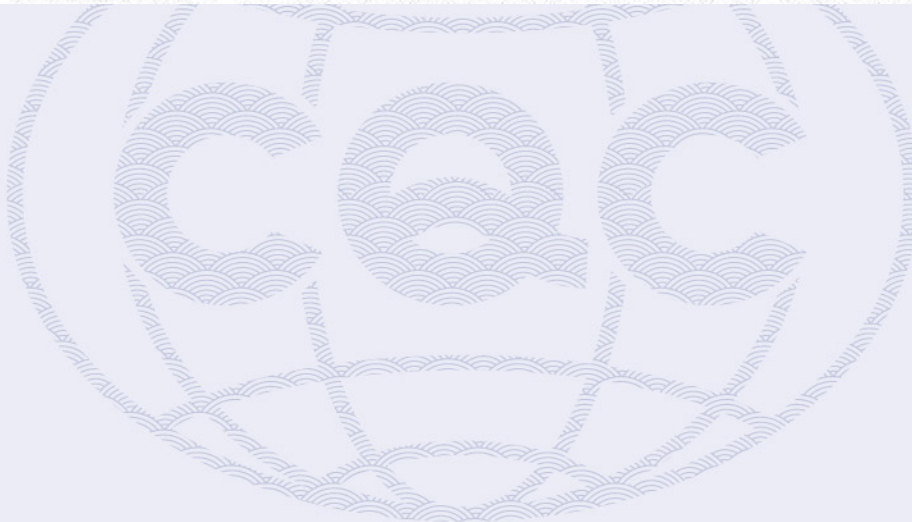
DCD: 4-pin male Mini Quick Disconnect (Approval must be 8) (4针公头迷你快速连接器 (必须为8))

DCG: 5-pin male Mini Quick Disconnect (Approval must be 8) (5针公头迷你快速连接器 (必须为8))

DMD: 4-pin male Micro Quick Disconnect (Approval must be 8) (4针公头微型快速连接器 (必须为8))

## ⑧Custom(Optional) 自定义 (可选)

May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use, does not affect the product safety or production process. 可能包含4个数字, 表示自定义报价 不影响保护方法。4个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。



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GO Switch Models 7G, 7GM , 7H & 7I

E.g. Model No.: 7G 1 3 5 2 3 A2 N xxxx  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Model 型号

7G: 5/8" UNF external thread x 4" overall length, with 1/2NPT (SPDT) or 3/4NPT (DPDT) cable entry (Hermetic Seal) (5/8"UNF 外螺纹 x 4"总长, 带 1/2NPT (SPDT) 或 3/4NPT (DPDT) 电缆入口 (密封))

7GM: 18mm external thread x 4" overall length, with M20 (SPDT) or M25 (DPDT) cable entry (18mm 外螺纹 x 4"总长度, 带 M20 (SPDT) 或 M25 (DPDT) 电缆入口)

7H: 5/8" UNF external thread x 3-1/4" overall length, with only potted-in leads/cable, no conduit connection (5/8"UNF 外螺纹 x 3-1/4"总长度, 仅带有封装引线/电缆, 无导管连接)

7I: 1" UNF external thread x 5-5/8" overall length, with 1/2NPT (SPDT) or 3/4NPT (DPDT) cable entry (Hermetic Seal) (1"UNF 外螺纹 x 5-5/8"总长, 带 1/2NPT (SPDT) 或 3/4NPT (DPDT) 电缆入口 (密封))

②Contact Form 连接类型

1: SPDT

2: DPDT

③Sensing Range 感应范围

3: 0.100" standard (Enclosure Type 2 or 6)

④Outlet Position 出口位置

5: Bottom, or opposite of the sensing face of switch 开关传感面的底部或对面

⑤Enclosure Material 外壳材料

2: 303 stainless steel (rated 2kpsi) 303 不锈钢 (额定压力 2kpsi)

6: 316 stainless steel (rated 2kpsi) 316 不锈钢 (额定压力 2kpsi)

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⑥ Area Classification\* 区域分类

- 2: Hi Temperature to 400°F (Wiring option F only)
- 3: UL / Class I, Div 1, GrABCD; Class II, Div 1, GrEFG; Class III (Model 7G, 7I only)(Wiring A,B,F)(lead seal req'd within 18")
- 4: cUL / Class I, Div 1, GrABCD; Class II, Div 1, GrEFG; Class III (Model 7G, 7I only)(Wiring A,B,F)(lead seal req'd within 18")
- 5: UL / Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Model 7G, 7I only)(Wiring A,B,F)(lead seal req'd within 18")
- 6: cUL / Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Model 7G, 7I only)(Wiring A,B,F)(lead seal req'd within 18")
- 7: cUL listed General Purpose
- 8: UL listed General Purpose
- 9: IECEx/ATEX Zone 1, Ex db IIC T6 Gb; Ex tb IIIC T85°C Db; IP66 (Model 7G, 7GM, 7I only) (-40°C to 50°C)(Wiring A,B)  
IECEx/ATEX Zone 1, Ex tb IIC T4/T3 Gb; Ex tb IIIC T135°C/T200°C Db; IP66 (Model 7G, 7GM, 7I only) (-40°C to 100°C/150°C)(Wiring F,H)
- T: Model 73, 73M only (Hermetically sealed)IECEx/ATEX Zone 1, Ex db IIC T6 Gb; Ex tb IIIC T85°C Db; IP66 (Model 7G, 7GM, 7I only)(-40°C to 50°C)(Wiring A,B)  
IECEx/ATEX Zone 1, Ex tb IIC T4/T3 Gb; Ex tb IIIC T135°C/T200°C Db; IP66 (Model 7G, 7GM, 7I only) (-40°C to 100°C/150°C)(Wiring F,H)
- F: IECEx/ATEX Zone 0, Ex ia IIC T6 Ga; Ex ia IIIC T85°C Da (-40°C to 50°C)(Wiring S)(IF 7G, 7I=hermetic seal)
- G: IECEx/ATEX Zone 0, Ex ia IIC T4 Ga; Ex ia IIIC T135°C Da (-40°C to 100°C)(Wiring S)(IF 7G, 7I=hermetic seal)
- H: IECEx/ATEX Zone 0, Ex ia IIC T3 Ga; Ex ia IIIC T200°C Da (-40°C to 150°C)(Wiring S)(IF 7G, 7I=hermetic seal)

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## ⑦Wiring Option 接线

A2 thru A8: 3ft up to 250ft length, 18GA (SPDT) or 22GA (DPDT), PVC insulated lead wires (3 英尺至 250 英尺长, 18GA (SPDT) 或 22GA (DPDT), 聚氯乙烯绝缘引线)

B2 thru B8: 3ft up to 250ft length, 18GA (SPDT) or 22GA (DPDT), PVC insulated cable (3 英尺至 250 英尺长, 18GA (SPDT) 或 22GA (DPDT), 聚氯乙烯绝缘电缆)

F2 thru F8: 3ft up to 250ft length, 18GA (SPDT) or 22GA (DPDT), Teflon™ insulated lead wires (3 英尺至 250 英尺长, 18GA (SPDT) 或 22GA (DPDT), 铁氟龙™绝缘导线)

H2 thru H8: 3ft up to 250ft length, 18GA (SPDT) or 22GA (DPDT), PEEK insulated lead wires (3 英尺至 250 英尺长, 18GA (SPDT) 或 22GA (DPDT), PEEK 绝缘引线)

S2 thru S8: 3ft up to 250ft length, 18GA (SPDT) or 22GA (DPDT), Silicone insulated cable (3 英尺至 250 英尺长, 18GA (SPDT) 或 22GA (DPDT), 硅胶绝缘电缆)

DCH: 7-pin male Mini Quick Disconnect (DPDT only)(Approval 7, 8, F, G, H only) (7 针公头迷你快速连接器 (仅限 DPDT) (仅限 7, 8, F, G, H))

DMD: 4-pin male Micro Quick Disconnect (SPDT only)(Approval 7, 8, F, G, H only)(4 针公头微型快速连接器 (仅限 SPDT) (仅限 7, 8, F, G, H))

## ⑧Regional Certs 区域认证

Blank OR,

B: InMetro. Ex d IIC T6... T3 Gb, Ex tb IIIC T85°C... T200°C Db, IP66

N: NEPSI. Ex d IIC T3/T4/T6 Gb, Ex tD A21 IP66 T200°C/T135°C/T85°C

P: PESO. Ex db IIC T\* Gb

R: EAC. 1 Ex d IIC T3/T4/T6 Gb X, Ex tb IIIC T85°C/T135°C/T200°C Db X

## ⑨Custom model 自定义 (可选)

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GO Switch Models 7C, 7D, 7E & 7F

E.g. Model No.: 7C 2 3 2 5 8 A2 XXXX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Model 型号

7C: 1.025" Probe length, 5/8" diameter, with cylinder mounting flange (1.025"探头长度，直径 5/8"，带气缸安装法兰)

7D: 1.250" Probe length, 5/8" diameter, with cylinder mounting flange (1.250"探头长度，直径 5/8"，带气缸安装法兰)

7E: 2.062" Probe length, 5/8" diameter, with cylinder mounting flange (2.062"探头长度，直径 5/8"，带气缸安装法兰)

7F\*\*: 7F+probe code, Custom Probe Length from 1.00" up to 5.00" (\*\* can be different for different probe length See Probe Selection Chart) E.g. 7FJ4 = 2.875" Probe length (7F +探头代码，自定义探头长度从 1.00"到 5.00" (\*\* 可以根据不同的探头长度而不同参见探头选择表) 例如。 7FJ4 = 2.875"探头长度)

7CX: 1.025" Probe Length, welded cylinder mounting flange (1.025"探头长度，焊接气缸安装法兰)

7DX: 2.062" Probe Length, welded cylinder mounting flange (2.062"探头长度，焊接气缸安装法兰)

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### 探针选择列表

Probe Selection Chart

"A" Range				"A" Range				"A" Range			
Min	Max	Length	Code	Min	Max	Length	Code	Min	Max	Length	Code
1.815	1.040	1.000	A1	2.365	2.300	2.300	D1	3.715	3.740	3.735	N1
1.640	1.065	1.025	"	2.380	2.418	2.375	D2	3.740	3.765	3.725	N2
1.665	1.090	1.050	A3	2.415	2.440	2.405	D3	3.765	3.790	3.755	N3
1.680	1.115	1.075	A4	2.440	2.465	2.425	D4	3.790	3.815	3.775	N4
1.715	1.140	1.100	A5	2.465	2.490	2.455	D5	3.815	3.840	3.805	N5
1.740	1.165	1.125	A6	2.490	2.516	2.475	D6	3.840	3.865	3.825	N6
1.768	1.190	1.150	A7	2.515	2.540	2.505	D7	3.865	3.890	3.850	N7
1.790	1.215	1.175	A8	2.540	2.565	2.525	D8	3.890	3.915	3.875	N8
1.215	1.240	1.200	A9	2.565	2.590	2.550	D9	3.915	3.940	3.900	N9
1.240	1.265	1.225	B1	2.590	2.616	2.575	H1	3.940	3.965	3.925	F1
1.265	1.290	1.250	"	2.615	2.640	2.600	H2	3.965	3.990	3.950	F2
1.290	1.315	1.275	B3	2.640	2.665	2.625	H3	3.990	4.015	3.975	F3
1.315	1.340	1.300	B4	2.665	2.690	2.650	H4	4.015	4.040	4.000	F4
1.340	1.365	1.325	B5	2.690	2.716	2.675	H5	4.040	4.065	4.025	F5
1.365	1.390	1.350	B6	2.715	2.740	2.700	H6	4.065	4.090	4.050	F6
1.390	1.415	1.375	B7	2.740	2.765	2.725	H7	4.090	4.115	4.075	F7
1.415	1.440	1.400	B8	2.765	2.790	2.750	H8	4.115	4.140	4.100	F8
1.440	1.465	1.425	B9	2.790	2.816	2.775	H9	4.140	4.165	4.125	F9
1.465	1.490	1.450	C1	2.815	2.840	2.800	J1	4.165	4.190	4.150	R1
1.490	1.515	1.475	C2	2.840	2.865	2.825	J2	4.190	4.215	4.175	R2
1.515	1.540	1.500	C3	2.865	2.890	2.850	J3	4.215	4.240	4.200	R3
1.540	1.565	1.525	C4	2.890	2.916	2.875	J4	4.240	4.265	4.225	R4
1.565	1.590	1.550	C5	2.915	2.940	2.905	J5	4.265	4.290	4.250	R5
1.590	1.615	1.575	C6	2.940	2.965	2.925	J6	4.290	4.315	4.275	R6
1.615	1.640	1.600	C7	2.965	2.990	2.950	J7	4.315	4.340	4.300	R7
1.640	1.665	1.625	C8	2.990	3.016	2.975	J8	4.340	4.365	4.325	R8
1.665	1.690	1.650	C9	3.015	3.040	3.005	J9	4.365	4.390	4.350	R9
1.690	1.715	1.675	D1	3.040	3.065	3.025	K1	4.390	4.415	4.375	S1
1.715	1.740	1.700	D2	3.065	3.090	3.050	K2	4.415	4.440	4.400	S2
1.740	1.765	1.725	D3	3.090	3.116	3.075	K3	4.440	4.465	4.425	S3
1.765	1.790	1.750	D4	3.115	3.140	3.105	K4	4.465	4.490	4.450	S4
1.790	1.815	1.775	D5	3.140	3.165	3.125	K5	4.490	4.515	4.475	S5

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1.815	1.840	1.855	D6	3.185	3.190	3.195	M5	4.515	4.540	4.555	S6
1.840	1.865	1.875	D7	3.190	3.215	3.175	H7	4.540	4.565	4.525	S7
1.855	1.880	1.850	D8	3.215	3.240	3.200	H8	4.535	4.550	4.550	S8
1.890	1.915	1.875	D9	3.240	3.265	3.225	K8	4.590	4.615	4.575	S9
1.915	1.940	1.900	E1	3.265	3.290	3.250	L1	4.615	4.640	4.600	T1
1.940	1.965	1.925	E2	3.290	3.315	3.275	L2	4.640	4.665	4.625	T2
1.965	1.990	1.950	E3	3.315	3.340	3.305	L3	4.665	4.690	4.650	T3
1.990	2.015	1.975	E4	3.340	3.365	3.325	L4	4.690	4.715	4.675	T4
2.015	2.040	2.000	E5	3.365	3.390	3.355	L5	4.715	4.740	4.700	T5
2.040	2.065	2.025	E6	3.390	3.415	3.375	L6	4.740	4.765	4.725	T6
2.065	2.090	2.040	E7	3.415	3.440	3.405	L7	4.765	4.790	4.750	T7
2.090	2.115	2.075	E8	3.440	3.465	3.425	L8	4.790	4.815	4.775	T8
2.115	2.140	2.100	E9	3.465	3.490	3.455	L9	4.815	4.840	4.800	T9
2.140	2.165	2.125	F1	3.490	3.515	3.475	M1	4.840	4.865	4.825	V1
2.165	2.190	2.150	F2	3.515	3.540	3.500	M2	4.865	4.890	4.850	V2
2.190	2.215	2.175	F3	3.540	3.565	3.525	M3	4.890	4.915	4.875	V3
2.215	2.240	2.200	F4	3.565	3.590	3.550	M4	4.915	4.940	4.900	V4
2.240	2.265	2.225	F5	3.590	3.615	3.575	M5	4.940	4.965	4.925	V5
2.265	2.290	2.250	F6	3.615	3.640	3.600	M6	4.965	4.990	4.950	V6
2.290	2.315	2.275	F7	3.640	3.665	3.625	M7	4.990	5.015	4.975	V7
2.315	2.340	2.300	F8	3.665	3.690	3.650	M8	5.015	5.040	5.000	V8
2.340	2.365	2.325	F9	3.690	3.715	3.675	M9				

## ② Contact Form 连接类型

- 2: SPST (Form A) N/O output with bi-color LED indication (N/O 输出, 带双色 LED 指示)
- 3: SPST (Form B) N/C output with bi-color LED indication (带有双色 LED 指示的 N/C 输出)
- 4: SPDT (Form C) without LED (Model 7CX, 7DX only) (不带 LED 的 (仅限 7CX 型, 7DX 型))
- 5: SPDT (Form C) with dual LED indication (具有双 LED 指示的)
- 7: SPST (Form A) N/O output without LED indication (N/O 输出, 无 LED 指示)
- 8: SPST (Form B) N/C output without LED indication (N/C 输出, 无 LED 指示)

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③Sensing Range 感应范围

3: 0.090" standard

④Outlet Position 出口位置

2: Side outlet, 360° adjustable (Wiring A, B, C, F only) No conduit connection (侧面插座, 360 度可调 (仅限 A, B, C, F 接线) 无导管连接)

5: Top outlet, or opposite of the sensing face of switch (Model 7CX, 7DX only) With 1/2NPT conduit connection (顶部插座, 或与开关传感面相对 (仅限 7CX 型, 7DX 型) 带 1/2NPT 导管连接)

6: Side outlet, 360° adjustable, no conduit connection (Approval 7 or 8 only)(Wiring D\*\* or SubSea connectors only) (侧面插座, 360 度可调, 无导管连接 (仅限认证 7 或 8) (仅限接线 D\*\* 或 SubSea 接头))

7: Side outlet, 360° adjustable, 1/2NPT conduit connection (Wiring A, B, F only) (侧面插座, 360 度可调节, 1/2NPT 导管连接 (仅限 A, B, F 接线))

8: Top outlet (Wiring SubSea connectors only) (顶部插座 (仅接线 SubSea 连接器))

⑤Enclosure Material 外壳材料

5: 303/316 stainless steel (rated 3kpsi with 3x safety factor) (303/316 不锈钢 (额定 3kpsi, 安全系数 3 倍))

⑥Area Classification\* 区域分类

2: Hi Temperature to 400°F (Contact Form 4, 7, 8 only)(Wiring option F only)

3: UL / Class I, Div 1, GrABCD; Class II, Div 1, GrEFG; Class III (Model 7CX, 7DX only)

4: cUL / Class I, Div 1, GrABCD; Class II, Div 1, GrEFG; Class III (Model 7CX, 7DX only)

5: UL / Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Model 7CX, 7DX only)

6: cUL / Class I, Div 2, GrABCD; Class II, Div 2, GrFG; Class III (Model 7CX, 7DX only)

7: cUL listed General Purpose

8: UL listed General Purpose

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9: IECEx/ATEX Zone 1, Ex db IIC T6 Gb; Ex tb IIIC T85<sup>o</sup>C Db; IP66 (Model 7CX, 7DX only)  
(-40<sup>o</sup>C to 50<sup>o</sup>C)(Wiring A,B)  
IECEx/ATEX Zone 1, Ex tb IIC T4/T3 Gb; Ex tb IIIC T135<sup>o</sup>C/T200<sup>o</sup>C Db; IP66 (Model 7CX, 7DX only)  
(-40<sup>o</sup>C to 100<sup>o</sup>C/150<sup>o</sup>C)(Wiring F,H)  
T: Model 73, 73M only (Hermetically sealed)  
IECEx/ATEX Zone 1, Ex db IIC T6 Gb; Ex tb IIIC T85<sup>o</sup>C Db; IP66 (Model 7CX, 7DX only)  
(-40<sup>o</sup>C to 50<sup>o</sup>C)(Wiring A,B)  
IECEx/ATEX Zone 1, Ex tb IIC T4/T3 Gb; Ex tb IIIC T135<sup>o</sup>C/T200<sup>o</sup>C Db; IP66 (Model 7CX, 7DX only)  
(-40<sup>o</sup>C to 100<sup>o</sup>C/150<sup>o</sup>C)(Wiring F,H)  
F: IECEx/ATEX Zone 0, Ex ia IIC T6 Ga; Ex ia IIIC T85<sup>o</sup>C Da (-40<sup>o</sup>C to 50<sup>o</sup>C)(Wiring S)(Model 7CX, 7DX only)  
G: IECEx/ATEX Zone 0, Ex ia IIC T4 Ga; Ex ia IIIC T135<sup>o</sup>C Da (-40<sup>o</sup>C to 100<sup>o</sup>C)(Wiring S)(Model 7CX, 7DX only)  
H: IECEx/ATEX Zone 0, Ex ia IIC T3 Ga; Ex ia IIIC T200<sup>o</sup>C Da (-40<sup>o</sup>C to 150<sup>o</sup>C)(Wiring S)(Model 7CX, 7DX only)

## ⑦Wiring Option 接线

A2 thru A8: 3ft up to 250ft length, 18GA, PVC insulated lead wires (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘引线)

B2 thru B8: 3ft up to 250ft length, 18GA, PVC insulated cable (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘电缆)

C2 thru C8: 3ft up to 250ft length, 18GA, PVC insulated cable, water resistant (3英尺至250英尺长, 18GA, 聚氯乙烯绝缘电缆, 防水)

F2 thru F8: 3ft up to 250ft length, 18GA, Teflon™ insulated lead wires (3英尺至250英尺长, 18GA, Teflon™绝缘引线)

S2 thru S8: 3ft up to 250ft length, 18GA (SPDT) or 22GA (DPDT), Silicone insulated cable (Model 7CX, 7DX only)  
(3英尺至250英尺长, 18GA (SPDT) 或 22GA (DPDT), 硅胶绝缘电缆 (7CX型, 仅7DX))

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DCA: 3-pin male Mini Quick Disconnect (Approval 7, 8 only) (3 针公头迷你快速连接器 (仅限 7,8))  
DCD: 4-pin male Mini Quick Disconnect (Approval 7, 8 only) (4 针公头迷你快速连接器 (仅限 7,8))  
DCH: 7-pin male Mini Quick Disconnect (Approval 7, 8 only) (7 针公头迷你快速连接器 (仅限 7,8))  
DMD: 4-pin male Micro Quick Disconnect (Approval 7, 8 only) (4 针公头微型快速连接器 (仅限 7,8))  
DBA: 3-pin male Micro Quick Disconnect (Approval 7, 8 only) (3 针公头微型快速连接器 (仅限 7,8))  
DBD: 4-pin male Micro Quick Disconnect (Approval 7, 8 only) (4 针公头微型快速连接器 (仅限 7,8))  
3DD: 3-pin male, straight, SubSea Connector (Approval must be 7 or 8) (3 针公头, 直头, SubSea 连接器 (必须为 7 或 8))  
4DD: 4-pin male, straight, SubSea Connector (Approval must be 7 or 8) (4 针公头, 直头, SubSea 连接器 (必须为 7 或 8))  
3DE: 3-pin male, 90degree, SubSea Connector (Approval must be 7 or 8) (3 针公头, 90 度, SubSea 连接器 (必须为 7 或 8))  
4DE: 4-pin male, 90degree, SubSea Connector (Approval must be 7 or 8) (4 针公头, 90 度, SubSea 连接器 (必须为 7 或 8))  
⑧Custom(Optional) 自定义 (可选)  
May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use, does not affect the product safety or production process. 可能包含 4 个数字, 表示自定义报价 不影响保护方法。4 个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。

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GO Switch Models 7J

E.g. Model No.:

7J	1	3	5	6	4	JSP	N	XXXX
①	②	③	④	⑤	⑥	⑦	⑧	⑨

①Model 型号

7J: External thread 5/8-18UNF (外螺纹 5 / 8-18UNF)

7JM: External thread M18 metric (外螺纹 M18 公)

②Contact Form 连接类型

1: SPDT

③Sensing Range 感应范围

3: 0.100" (2.5mm) standard

④Outlet Position 出口位置

5: Bottom outlet, 1/2NPT or M20 conduit connection (底部插座, 1 / 2NPT 或 M20 导管连接)

⑤Enclosure Type/Material 外壳材料

6: 316 stainless steel (316 不锈钢)

⑥Approvals / Area Classification 区域分类

4: UL/cUL Class I, Div 1, GrABCD; Class II, Div 1, GrEFG

6: UL/cUL Class I, Div 2, GrABCD; Class II, Div 2, GrFG

7: UL/cUL General Purpose

9: Ex db IIC T6 Gb, Ex tb IIIC T85°C Db; IP66/68, Tamb: -40°C to +75°C

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Y: Ex db eb IIC T6 Gb, Ex tb IIIC T85°C Db, IP66/68, Tamb: -40°C to +75°C

F: Ex ia IIC T6 Ga; Ex ia IIIC T85°C Da, Tamb: -40°C to +50°C

G: Ex ia IIC T4 Ga; Ex ia IIIC T135°C Da, Tamb: -40°C to +100°C

H: Ex ia IIC T3 Ga; Ex ia IIIC T200°C Da, Tamb: -40°C to +150°C

⑦Wiring / Cable Entry (Terminal block is provided for field wiring) 接线

JSP: 1/2NPT cable entry (Model 7J) (1 / 2NPT 电缆入口 (型号 7J) )

JSM: M20 cable entry (Model 7JM) (M20 电缆入口 (型号 7JM) )

⑧Regional Approvals / Certifications 区域认证

N: NEPSI (Approval 9 only) Ex d IIC T3/T4/T6 Gb, Ex tD A21 IP66 T200°C/T135°C/T85°C (Ref current NEPSI certificate)

K: KOSHA (Approval 9 only) Ex d IIC T6 (ref current KOSHA certificate)

R: EAC (Approval 9) 1 Ex d IIC T6 Gb X, Ex tb IIIC T85°C Db X; (Approval Y) 1 Ex de IIC T6 Gb X, Ex tb IIIC T85°C Db X

Z: Canada Zone Equivalence (Approval 4 only) Class I, Zone 1, Ex d IIC; Class II, Zone 21, Ex tb IIIC

⑨Custom(Optional) 自定义 (可选)

Blank OR,

May include 4 numbers indicating custom quote. Does not affect protection method. The 4 custom quote number is only for commercial use , does not affect the product safety or production process. 可能包含 4 个数字, 表示自定义报价 不影响保护方法。 4 个自定义报价编号仅用于商业用途, 不影响产品安全或生产过程。

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GO Switch Models 7Z-23528M (开关型号 7Z-23528M)

E.g. Model No.:

7Z - 2 3 5 2 8M  
① ② ③ ④ ⑤ ⑥

① Model 型号

7Z: 7/8" Probe length x 2-11/16" overall length (7/8"探头长度x2-11/16"总长度)

② Contact Form 连接类型

2: DPDT

③ Sensing Range 感应范围

3: 0.100" standard (0.100" 标准)

④ Outlet Position 出口位置

5: Bottom, or opposite of the sensing face of switch 开关传感面的底部或对面

⑤ Enclosure Material 外壳材料

2: 303 stainless steel (rated 2kpsi) 303 不锈钢 (额定压力2kpsi)

⑥ Area Classification 区域分类

8M: UL/cUL listed General Purpose (UL/cUL 认证的通用型)

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