Cylinder Position Sensors

## TECHNOLOGY IN ACTION Stroke-to-GO

LEVERLESS LIMIT SWITCH

GO Switch Stroke-to-GO® cylinder position sensors use three permanent magnets and push-pull plunger assembly to control a set of dry contacts.



## Models 7C, 7D, 7E \& 7F

With their solid stainless steel housings and leverless limit switch design, Stroke to GO switches have set the standard

Features:
SPDT 4A contacts
Inherently Intrinsically Safe
$-40^{\circ}$ to $221^{\circ} \mathrm{F}$ operating temperature
Options:
$-40^{\circ}$ to $400^{\circ} \mathrm{F}$ high temperature Quick disconnect connector Underwater capabilities

| SPST | SPDT |
| :---: | :---: |
| 7C-23658-DCA | 7C-4365-DCA |
| 1.025"P Probe | 1.025" Probe |
| Mini Connector | Mini Connector |
| 7D-23658-DCA | 7D-43658-DCA |
| ${ }^{1.25019}$ "robe | $1.250^{\prime \prime}$ probe |
| Mini Connector | Mini Connector |
| 7E-2365-DCA | 7E-4365-DCA |
| ${ }^{2.0627}{ }^{\text {probe }}$ | 2.062 " probe |

Dimensions


Repeatability: .002" (.05 mm) typical
Response Time: 8 milliseconds
Differential: Approx. 020 " (.51 mm)
Operating Temperature: $-40^{\circ}$ to $160^{\circ} \mathrm{F}$ $\left(-40^{\circ}\right.$ to710C with LEDs $-40^{\circ}$ to $221^{10 \mathrm{~F}}$
 to $000^{\circ} \mathrm{F}$ ( $204^{\circ} \mathrm{C}$ )
(8) $7 C$ Modelic
$1.025^{\prime \prime}(26 \mathrm{~mm})$ probe length
(8) 70 Model 70
$.250^{\prime \prime}(32 \mathrm{~mm})$ probe length
(8) 7 E Model 7 E
$2.062^{\prime \prime}(52 \mathrm{~mm})$ probe length
7F Custom probe lengths $(127 \mathrm{~mm})^{*}$
*Probe lengths shorter than 1.000 " require a taller upper switch housing

Ordering Guide Fill in the boxes to create your ordering number'
$\square$

Contact Form
Contact Material: Palladium siver with sawtooth surface configuration Form: SPDT, Form C (with or without LED indication) Single Pole, Single Throw (with or without LED indication) Form A or Form B

$\begin{array}{lll}1 & \text { Single Pole Double Throw (Form C) } \\ 2 & \text { Single }\end{array}$ 2 Single Pole Single Throw (Form A)
(NO output with bi-color LED indication) (Operating votage: $24-120 \mathrm{~V}$ AC/IC) (Optional votage: 48 - 240 V AC/D
3 Single Pole Single Throw (Form (NC outpout with bi-colorow LED indication) (Operating voltage: $24-120 \mathrm{~V} \mathrm{AC} / \mathrm{CC}$ ) (Optional voltage: $48-240 \mathrm{~V}$ AC/DC
(8) $4 \quad \begin{aligned} & \text { (Leakage current is } 1.0 \mathrm{~mA}) \\ & \text { Single Pole Double Throw (Form C) }\end{aligned}$
(without LED) (No leakage)
5 Single Pole Double Throw (Form C)

| (with dual LED's) (OPerating voltage: 24 |
| :--- |
| -2400 ACDCO |

$7-240 \mathrm{~A}$ ACDC) (No leakage current) No output w/ LED indication; No
${ }^{\text {l leakage }}$
8 Single Pole Single Throw (Form B) NC cutput wo LEED indication: No Ee eakage


Sensing Range

## Target Material: Ferrous steel

Sensing Range: . $090^{\prime \prime}(2.3 \mathrm{~mm})$ Sensing Range: .090" ( 2.3 mm )
end sensing ( 3,000 PSI) (Recommended air gap . $015^{\prime \prime}$ - . $040^{\prime \prime}$ )
(8) $3 \begin{aligned} & \text { Standard sensing - approx. . } 0900^{\prime \prime} \\ & \text { (2.3 mm) end sensing }\end{aligned}$

Outlet Position

2 Side entry $360^{\circ}$ adjustable Wiring must be $A, B, C$, or $F$ ) No conding must hub
Nab
(8) 6 Side outlet $360^{\circ}$ adjustable with Quick Disconnect Wiring with Quick Disconnect Wiring
must be D) (Approval must be 7) Side outlet $360^{\circ}$ adjustab Side outtet $360^{\circ}$ adjustaul
with $/ z^{2}$ NPT conduit hul (Wiring must be $A, B$, or F)
8 Top outtet (Wiring must be $\begin{array}{ll}8 & \text { Top outlet (W } \\ & \text { Subsea) }\end{array}$

> Enclosure Material
> Stainless Steel type 303
> (8) Stainless steel (rated 3,000 PSI operating) ( 3 to 1 sadety $\begin{aligned} & \text { tactor appies to standard } \\ & \text { probe }\end{aligned}$ probe lengtis)

## Need Accessories? <br> See pp. 93-104 for <br> Range Extending <br> Canget Manets Mounting Brackets Mounting Brackets Comenetors and more!



Approvals
(1L) ( (1)
2 High temperature to $400^{\circ} \mathrm{F}\left(204^{\circ} \mathrm{C}\right)$ with Teflon'W insulated leads (Wiring must be f) (Contact form must be 4,7, or 8 )
7 CSA certified General Puroose
(8) 8 UL listed General Purpose

## Wiring Options

Lead Wires 18 Gauge (.110" dia) potted-in PVC insulated AWM $/$ TEW stranded lead wires, rated at


A Lengths greater than 144 " (Specify length in feet (e.g.A A150 $=150$ t. of leass)
Cable 18 Gauge (.250" dia.) ported-in PVC cable, rated at $176^{\circ} \mathrm{F}$ ( $80^{\circ} \mathrm{C}$ ) 3000 , UL / CSA listed


| ${ }^{83}$ | $\begin{array}{c}\text { B2 } \\ \text { B4 }\end{array}$ |
| :---: | :---: |
|  | $144^{\prime \prime}(18295 \mathrm{~mm})$ |

 Water Resistant 18 Gauge (.250" dia.) PVC cable rated at $176^{\circ} \mathrm{F}\left(80^{\circ} \mathrm{C}\right) 300 \mathrm{~V}$ with water-resistant squeeze connector.



Quick Disconnect Male Quick Disconnect only, potted-II connector. (CSA reauires a case ground).
(Approvals must be 7 or 8 ) Refer to pp. 93 -104 for maing cable assemblies and Aura Light Adappers.


| DBA |
| :---: |
| DBD |

Mirro-changee


SubSea Underwater Connector (Outlete position must be 8 )
30 B .3 pin, certified not to leak underwate
$\begin{array}{ll}\text { 4DD } & 4 \text { pin, certified ont to leak underwater } \\ 3 \text { 3D } & \\ 3 \text { pin }\end{array}$

Hitemp Leads 18 gauge (.070" dia. potede-in Teflon" insulated leads rated at $4822^{\circ}$ ( $\left.250^{\circ} \mathrm{C}\right) 600 \mathrm{~V}$ UL





## Cylinder Position Sensors

S
troke-To-GO ${ }^{\circledR}$ Switches provide precise end-of-stroke position indication on pneumatic and hydraulic cylinders. Designed to exceed automotive industry standards, the housing is machined from stainless steel bar stock to handle pressures to 3,000 PSI operating (tested to UL's $3 X$ burst requirement) while withstanding the extreme external conditions such as weld slag, coolants, cutting fluids, physical abuse and even high temperatures. Stroke-to-GO® Switches incorporate the same 70 Series GO ${ }^{\circledR}$ Switch mechanism that has been tested to over 200 million mechanical cycles and field proven in the most rigorous applications. This unique design offers the greatest benefits in cylinder indication.

A two digit code is required for ordering the correct custom probe length. All Application Considerations below must be met. For any discrepancies ples
consult factory. Please follow these steps:

1. Measure dimension A from both ends of your cylinder or retrieve from specification drawings.
2. Locate the Min/Max range that dimension A falls within on the Custom Probe Length Chart.
3. Locate probe length requirement and Probe Code in the next two Columns to the right.
4. Enter the probe code into the corresponding spaces of the Stroke-TO-G0* Part Number.

## Application Considerations

- Cylinder cushion must be ferrous.
- Air gap between switch sensing face and cushion should be $.015^{\prime \prime}$ to . 040 (outside this range please consult factory).
- Largest diameter of target (cushion) should cover at least 75\% of probe sensing face.
- Sensing face of Stroke-To-G0® Switch must be at least. $125^{\prime \prime}$ from piston rod for proper switch reset. This may at times equire an air gap distance greater than . 040 ".
- For cushion diameters less than .50 ", air gap should be . 015 " to . 025 ".
- Mounting hardware is $1 / 4^{\prime \prime}-20$ grade 8 socket head cap screw (included).
$\underset{\substack{\text { Custoom } \\ \text { Probe }}}{\mathbf{7 F -}} \underset{\substack{\text { Poode }}}{\mathbf{2 3 6 5 8 - D C A}}$
EXAMPLE: If "A" $=2.900$ " then:

| "A" |  | $\begin{aligned} & \text { PROBE } \\ & \text { LENGGH } \end{aligned}$ | $\begin{aligned} & \text { PROBE } \\ & \text { COOE } \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| MIN | max |  |  |
| 2.890 | 2915 | 2875 |  | Dimension A is measured from the outside

surface of the cylinder block to the Top Dead Center (TDC) of the ferrous cushion. Distance A may differ at each end.

## Probe Selection Chart

| MIN ${ }^{\text {at }}$ R ANGE ${ }^{\text {MAX }}$ |  | PROBE PROBE |  | "A" RANGE |  | Probe Probe |  | "A" PAMGE |  | PROBE PROBE LENGTH CODE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Mn | max | LENGTH |  | MiN |  |  |  |
| 1.015 | 1.040 |  |  | 1.000 | A1 | 2.365 | 2.390 | 2.350 | ${ }^{61}$ | 3.715 | 3.740 | 3.700 | N1 |
| 1.040 | 1.065 | 1.025 |  | 2.390 | 2.415 | 2.375 | 62 | 3.740 | 3.765 | 3.725 |  |
| 1.065 | 1.090 | 1.050 | A3 | 2.415 | 2.440 | 2.400 | G3 | 3.765 | 3.790 | 3.750 |  |
| 1.090 | 1.115 | 1.075 | A4 | 2.440 | 2.465 | 2.425 | 64 | 3.790 | 3.815 | 3.775 | N4 |
| 1.115 | 1.140 | 1.100 | A5 | 2.465 | 2.490 | 2.450 | 65 | 3.815 | 3.840 | 3.800 | 15 |
| 1.140 | 1.165 | 1.125 | A6 | 2.490 | 2.515 | 2.475 | 66 | 3.840 | 3.865 | 3.825 | V6 |
| 1.165 | 1.190 | 1.150 | A7 | 2.515 | 2.540 | 2.500 | G7 | 3.865 | 3.890 | 3.850 |  |
| 1.190 | 1.215 | 1.175 | A8 | 2.540 | 2.565 | 2.525 | 68 | 3.890 | 3.915 | 3.875 |  |
| 1.215 | 1.240 | 1.200 | A9 | 2.565 | 2.590 | 2.550 | 69 | 3.915 | 3.940 | 3.900 |  |
| 1.240 | 1.265 | 1.225 | B1 | 2.590 | 2.615 | 2.575 | H1 | 3.940 | 3.965 | 3.925 | 1 |
| 1.265 | 1.290 | 1.250 |  | 2.615 | 2.640 | 2.600 | H2 | 3.965 | 3.990 | 3.950 | P2 |
| 1.290 | 1.315 | 1.275 | B3 | 2.640 | 2.665 | 2.625 | H3 | 3.990 | 4.015 | 3.975 | P3 |
| 1.315 | 1.340 | 1.300 | B4 | 2.665 | 2.690 | 2.650 | H4 | 4.015 | 4.040 | 4.000 | P4 |
| 1.340 | 1.365 | 1.325 | B5 | 2.690 | 2.715 | 2.675 | H5 | 4.040 | 4.065 | 4.025 | P5 |
| 1.365 | 1.390 | 1.350 | в6 | 2.715 | 2.740 | 2.700 | н6 | 4.065 | 4.090 | 4.050 | 6 |
| 1.390 | 1.415 | 1.375 | B7 | 2.740 | 2.765 | 2.725 | H7 | 4.090 | 4.115 | 4.075 |  |
| 1.415 | 1.440 | 1.400 | B8 | 2.765 | 2.790 | 2.750 | н8 | 4.115 | 4.140 | 4.100 |  |
| 1.440 | 1.465 | 1.425 | в9 | 2.790 | 2.815 | 2.775 | н9 | 4.140 | 4.165 | 4.125 |  |
| 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 |  | 4.215 | 4.240 | 4.200 | R3 |
| 1.540 | 1.565 | 1.525 | C4 | 2.890 | 2.915 | 2.875 | J4 | 4.240 | 4.265 | 4.225 | R4 |
| 1.565 | 1.590 | 1.550 | C5 | 2.915 | 2.940 | 2.900 | J5 | 4.265 | 4.290 | 4.250 | R5 |
| 1.590 | 1.615 | 1.575 | c6 | 2.940 | 2.965 | 2.925 | ${ }^{\text {J6 }}$ | 4.290 | 4.315 | 4.275 | - |
| 1.615 | 1.640 | 1.600 | ${ }^{6}$ | 2.965 | 2.990 | 2.950 | ${ }^{\text {J }}$ | 4.315 | 4.340 | 4.300 |  |
| 1.640 | 1.665 | 1.625 | c8 | 2.990 | 3.015 | 2.975 | J8 | 4.340 | 4.365 | 4.325 | , |
| 1.665 | 1.690 | 1.650 | c9 | 3.015 | 3.040 | 3.000 | J9 | 4365 | 4.390 | 4.350 | - |
| 1.690 | 1.715 | 1.675 | D1 | 3.040 | 3.065 | 3025 | k1 | 439 | 4.415 | 4.375 |  |
| 1.715 | 1.740 | 1.700 | D2 | 3.065 | 3.090 | 3.050 |  | 4.415 | 4.440 | 4.400 |  |
| 1.740 | 1.765 | 1.725 | ${ }^{\text {D3 }}$ | 3.090 | 3.115 | 3.075 | K3 | 4.440 | 4.465 | 4.425 | S3 |
| 1.765 | 1.790 | 1.750 | D4 | 3.115 | 3.140 | 3.100 | K4 | 4.465 | 4.490 | 4.450 | 54 |
| 1.790 | 1.815 | 1.775 | D5 | 3.140 | 3.165 | 3.125 | k5 | 4.990 | 4.515 | 4.475 | ss |
| 1.815 | 1.840 | 1.800 | D6 | 3.165 | 3.190 | 3.150 | K6 | 4.515 | 4.540 | 4.500 | S6 |
| 1.840 | 1.865 | 1.825 | D7 | 3.190 | 3.215 | 3.175 | k7 | 4.540 | 4.565 | 4.525 | 57 |
| 1.865 | 1.890 | 1.850 | D8 | 3.215 | 3.240 | 3.200 | K8 | 4.565 | 4.590 | 4.550 | 58 |
|  | 1.915 | 1.875 | D9 | 3.240 | 3.265 | ${ }^{3.225}$ | K9 | 4.590 | 4.615 | 4.575 |  |
| +1.915 | ${ }_{1}^{1.940}$ | 1.900 1 1 | ${ }_{\text {E1 }}^{\text {E2 }}$ | 3.265 3 3 | 3.290 3.315 | 3.250 3.225 |  | 4.615 4.640 | 4.640 4665 | 4.600 4625 | ${ }_{\text {T1 }}$ |
| 1.940 | 1.965 | 1.925 | E2 | ${ }_{3}^{3.290}$ | ${ }_{3}^{3.315}$ | 3.275 | ${ }^{12}$ | 4.640 | 4.665 | 4.625 |  |
| 1.965 | 1.990 | 1.950 | E3 | 3.315 | 3.340 | 3.300 | $\stackrel{1}{4}$ | 4.665 | 4.690 | 4.650 | T3 |
| 1.990 | 2.015 | 1.975 | E4 | 3.340 | 3.365 | 3.325 | $\stackrel{1}{4}$ | 4.690 | 4.715 | 4.675 | ${ }^{14}$ |
| 2.015 | 2.040 | 2.000 | E5 | 3.365 | 3.390 | 3.350 | 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 | 2.050 | E7 | 3.415 | 3.440 | 3.400 | L7 | 4.765 | 4.790 | 4.750 | 77 |
| 2.090 | 2.115 | 2.075 | E8 | 3.440 | 3.465 | 3.425 | ${ }^{18}$ | 4.790 | 4.815 | 4.775 |  |
| 2.115 | 2.140 | 2.100 | E9 | 3.465 | 3.490 | 3.450 | $\stackrel{1}{4}$ | 4.815 | 4.80 | 4.80 | T9 |
|  | 2.165 | 2.125 | F1 | 3.490 | 3.515 | 3.475 | M1 | 4.840 | 4.865 | 4.825 |  |
| 2.165 | 2.190 | 2.150 | F2 | 3.515 | 3.540 | 3.500 | M2 | 4.865 | 4.890 | 4.850 |  |
| 2.190 | 2.215 | 2.175 | F3 | 3.540 | 3.565 | 3.525 | M3 | 4.890 | 4.915 | 4.875 |  |
| 2.215 | 2.240 | 2.200 | F4 | 3.565 | 3.590 | 3.550 | M4 | 4.915 | 4.940 | 4.900 |  |
| 2.240 | 2.265 | 2.225 | F5 | 3.590 | 3.615 | 3.575 | m5 | 4.940 | 4.965 | 4.925 |  |
| 2.265 | 2.290 | 2.250 | F6 | 3.615 | 3.640 | 3.600 | m6 | 4.965 | 4.990 | 4.950 |  |
| 2.290 | 2.315 | 2.275 | 7 | 3.640 | 3.665 | 3.625 | M 7 | 4.990 | 5.015 |  |  |
| 2.315 | ${ }_{2}^{2.340}$ | 2.300 |  | 3.665 |  |  |  |  |  |  |  |
|  | 2.365 | 2.325 |  |  |  |  |  |  |  |  |  |



## Agency Approvals

| Approvals <br> Termination Options | (2) HiTemp | (7) CSA Genera Purpose | (8) UL General Purpose |
| :---: | :---: | :---: | :---: |
| A - Potted PVC Leads |  | X | X |
| B - Potted PVC Cable |  | X | X |
| C - Water squeeze connector |  | X | X |
| D - Quick Disconnect |  | X | X |
| D - SubSea ${ }^{\text {TM }}$ Connector |  | X | X |
| F - HiTemp ${ }^{\text {TM }}$ Leads | X | X | X |

X $=$ Approvals Available

## NEMA Ratings

| Models 7C, 7D, 7E, 7F |  | Non-Hazardous |  | Hazardous |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| NEMA CLASSES | 4 | $4 X$ | 6 | 6P | 7 | 9 |
| A - Potted PVC leads | X | X |  |  |  |  |
| B - Potted PVC cable | X | X |  |  |  |  |
| C - PVC Cable w/ squeeze | X | X | X | X |  |  |
| D - Quick Disconnect | X | X | X | X |  |  |
| D - SubSea™ Connector | X | X | X | X |  |  |
| F - HiTempTM Teflon leads | X | X |  |  |  |  |

$X=$ Designed to meet respective NEMA specifications

|  |  | Leads |  | Cable |  | Water-Resistant |  | HiTemp |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CONTACT FORMS |  | UL | CSA | UL | CSA | UL | CSA |  |
| 2 - SPST | COM | Black | Black | Black | Black | Black | Black |  |
| Form A | N/0 | Blue | Blue | White | White | White | White | N/A |
| N/O w/ LED | GND | Green | Green | Red | Red | Red | Red |  |
| 3 - SPST | сом | Black | Black | Black | Black | Black | Black |  |
| Form B | N/C | Red | Red | Red | Red | Red | Red | N/A |
| N/C w/ LED | GND | Green | Green | White | White | White | White |  |
| 4 - SPDT Form C No LED | COM | Black | Black | Black | Black | Black | Black | Black |
|  | N/0 | Blue | Blue | White | White | White | White | Blue |
|  |  | Red | Red | Red | Red | Red | Red | Red |
|  | GND |  | Green |  | Green |  | Green |  |
| $5 \text { - SPDT }$ <br> Form C <br> Dual LEDs | COM | Black | Black | Black | Black | Black | Black |  |
|  | N/0 | Blue | Blue | White | White | White | White |  |
|  | N/C | Red | Red | Red | Red | Red | Red | N/A |
|  | GND |  | Green |  | Green |  | Green |  |
| 7 -SPST | COM | Black | Black | Black | Black | Black | Black | Black |
| Form A | N/0 | Blue | Blue | White | White | White | White | Blue |
| N/0 w/o LED | GND | Green | Green | Red | Red | Red | Red | Green |
| 8 - SPST | сом | Black | Black | Black | Black | Black | Black | Black |
| Form B | N/C | Red | Red | Red | Red | Red | Red | Red |
| N/0 w/o LED | GND | Green | Green | White | White | White | White | Green |
| 3 Pin Micro Change with or without LED |  |  |  | 4 Pin Micro Change with or without LED |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| SPST, Form A, n/0 |  |  |  | SPST, Form A, n/0 |  |  |  |  |
| PIN 1 |  |  |  | PIN 1 | COM |  |  |  |
| PIN 2 |  |  |  | PIN 2 | N/O |  |  |  |
| PIN 3 |  |  |  | PIN 3 | inactive |  |  |  |
| SPST, Form B, N/C |  |  |  | PIN 4 | GND |  |  |  |
| PIN 1 |  |  |  | SPST, Form B, N/C |  |  |  | 1 |
| PIN 2 |  |  |  | PIN 1 | COM |  |  |  |
| PIN 3 |  |  |  | PIN 2 | inactive |  |  |  |
| SPDT, Form C |  |  |  | PIN 3 | N/C |  |  |  |
| PIN 1 |  |  |  | PIN 4 | GND |  |  |  |
| PIN 2 |  |  |  | SPDT, Form C |  |  |  |  |
| PIN 3 |  |  |  | PIN 1 | COM |  |  |  |
|  |  |  |  | PIN 2 | n/0 |  |  |  |
|  |  |  |  | PIN 3 | N/C |  |  |  |
|  |  |  |  | PIN 4 | GND |  |  |  |


| 3 Pin Mini Change with or without LED | 4 Pin Mini Change with or without LED |  |
| :---: | :---: | :---: |
| SPST, Form A, N/0 | SPST, Form A, N/0 |  |
| PIN 1 GND | PIN 1 | COM |
| PIN 2 COM | PIN 2 | N/0 |
| PIN 3 N/0 | PIN 3 | inactive |
| SPST, Form B, N/C | PIN 4 | GND |
| PIN 1 GND | SPST, Form B, N/C |  |
| PIN 2 COM | PIN 1 | сом |
| PIN 3 N/C | PIN 2 | inactive |
| SPDT, Form C | PIN 3 | N/C |
| PIN 1 COM | PIN 4 | GND |
| PIN 2 N/C | SPDT, Form C |  |
| PIN 3 N/0 | PIN 1 | COM |
|  | PIN 2 | N/0 |
| (3) (2) | PIN 3 | N/C |
|  | PIN 4 | GND |



5 Pin Mini Change with or without LED

| SPST, Form A, N/O |  |
| :--- | :--- |
| PIN 1 | N/O |
| PIN 2 | Inactive |
| PIN 3 | GND |
| PIN 4 | Inactive |
| PIN 5 | COM |
| SPST, Form B, N/C |  |

PIN 1 Inactive
PIN 2 N/C
PIN 3 GND

| PIN 4 | Inactive |
| :---: | :---: |
| PIN 5 | COM |
|  | SPDT, Form C |

$\begin{array}{ll} & \\ \text { PIN } 1 & \text { SPDT, Form } \\ \text { N/0 }\end{array}$
$\begin{array}{ll}\text { PIN } 1 & \text { N/0 } \\ \text { PIN } 2 & \text { N/C } \\ \text { PIN } 3 & \text { GND } \\ \text { PIN } 4 & \text { Inactive } \\ \text { PIN } 5 & \text { COM }\end{array}$
PIN 5 CO


