

WATERTIGHT LIMIT SWITCHES

P6-4
LIMIT
SWITCHES

COMMERCIAL, SEALED LIMIT SWITCH

The P6-4 series switches are commercial grade limit switches that are watertight and completely sealed to IP68S and IP69K. They are designed to be operated in extreme temperature ranges and with their stainless steel housing, are for use in the most rugged, harsh environments. These switches are available with either a ball or roller plunger actuation method. In addition, these switches can be configured as single pole and double pole plus single throw and double throw. The P6-4 offers three connection methods, solder or screw terminal plus flying wire leads.



Ball Plunger
Actuator Style



Roller Plunger
Actuator Style

Features:

- Sealed watertight to IP68S and IP69K
- One-piece Stainless Steel housing
- Built to withstand extreme temperatures
- Choice of ball or roller plunger
- Three connection method options

POTTED LEADS IDENTIFICATION	
SPST-NO-DB, FORM X	2 WHITE WIRE (NO POLE-1)
SPST-NC-DB, FORM Y	2 BLACK WIRE (NC POLE-1)
SPDT-DB, FORM Z	2 WHITE WIRE (NO POLE-1) 2 BLACK WIRE (NC POLE-1)
DPST-NO-DB, FORM X	2 WHITE WIRE (NO POLE-1) 2 RED WIRE (NO POLE-2)
DPST-NC-DB, FORM Y	2 BLACK WIRE (NC POLE-1) 2 YELLOW WIRE (NC POLE-2)
DPDT-DB, FORM Z	2 WHITE WIRE (NO POLE-1) 2 BLACK WIRE (NC POLE-1) 2 RED WIRE (NO POLE-2) 2 YELLOW WIRE (NC POLE-2)
SPST-NO-DB & SPST-NC-DB	2 WHITE WIRE (NO POLE-1) 2 YELLOW WIRE (NO POLE-2)

Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC	Sea Level 115VAC, 60Hz	Cycles
Standard Resistive	4A	4A	50,000
Standard Inductive	2A	2A	50,000
Logic Level Resistive	10mA @ 5VDC	NA	100,000
DVV	1000Vrms		

MECHANICAL:

Pretravel:	0.055 max
Actuating Force:	3.5 +/- 1.5 lbs or 5.5 +/- 2.0 lbs
Overtravel:	0.125
Full Overtravel Force:	17.0 lb. max
Releasing Force:	1.0 lb. min
Mechanical Life:	100,000 cycles

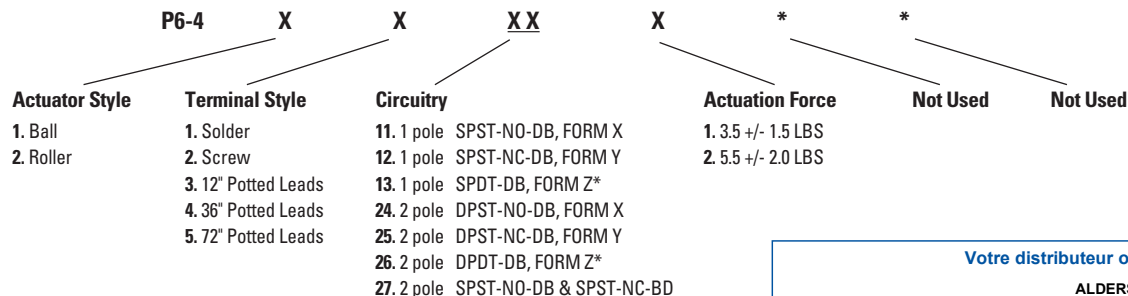
ENVIRONMENTAL:

Temperature Range:	-55°C to 105°C
--------------------	----------------

MATERIALS:

Actuator:	Stainless steel
Case:	Stainless steel (303)
Seal:	IP68S and IP69K
Mounting Hardware:	Hex nut and lockwasher
Terminal Hardware:	Screw and lockwasher (only with screw terminal switches)

P6-4 PART NUMBER CODE



Votre distributeur officiel



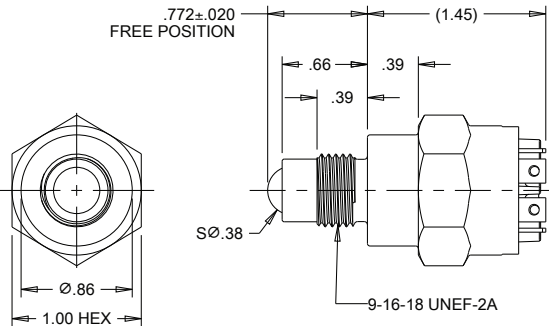
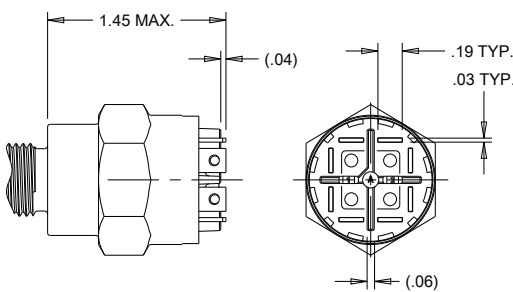
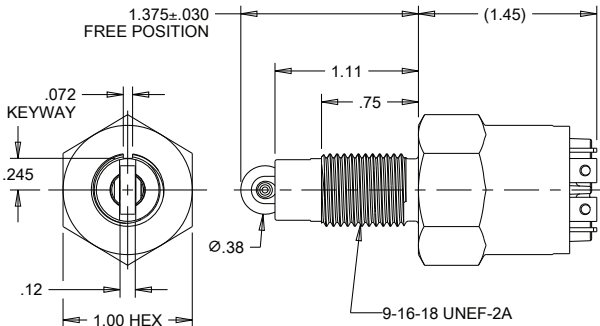
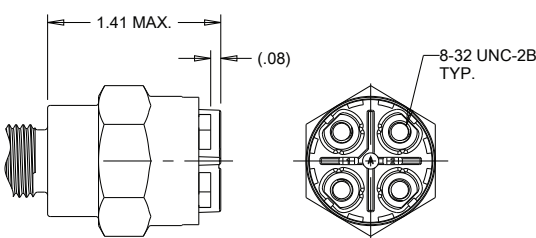
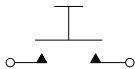
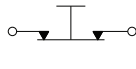
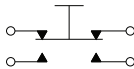
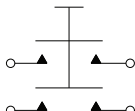
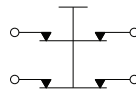
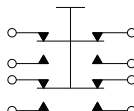
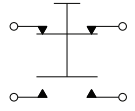
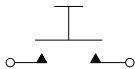
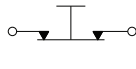
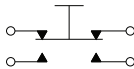
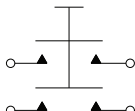
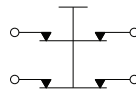
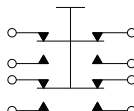
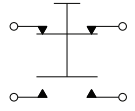
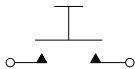
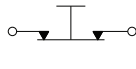
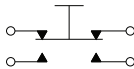
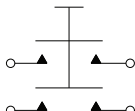
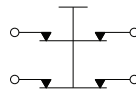
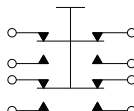
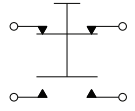
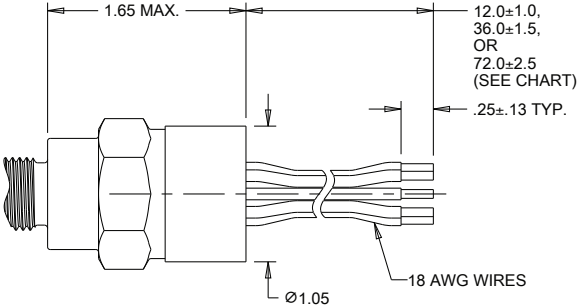
ALDERS®
Indicate. Control. Connect.

ALDERS electronic GmbH
Arnoldstraße 19
47906 Kempen - Allemagne

+33 3 88064677
+33 6 33389393
catherine.sturm@alders.fr / www.alders.fr

WATERTIGHT LIMIT SWITCH

COMMERCIAL, SEALED LIMIT SWITCH

ACTUATOR STYLE	TERMINAL STYLE												
	 NO TERMINALS: ROUNDED END NC TERMINALS: SQUARED END												
BALL ACTUATOR STYLE	SOLDER TERMINAL STYLE												
													
ROLLER ACTUATOR STYLE	SCREW TERMINAL STYLE												
<table><tr><th colspan="3">CIRCUITRY OPTIONS</th></tr><tr><td> SPST-NO-DB FORM X SCHEMATIC </td><td> SPST-NC-DB FORM Y SCHEMATIC </td><td> SPDT-DB FORM Z SCHEMATIC </td></tr><tr><td> DPST-NO-DB FORM X SCHEMATIC </td><td> DPST-NC-DB FORM Y SCHEMATIC </td><td> DPDT-DB FORM Z SCHEMATIC </td></tr><tr><td colspan="3"> SPST-NO-DB & SPST-NC-DB SCHEMATIC </td></tr></table>		CIRCUITRY OPTIONS			 SPST-NO-DB FORM X SCHEMATIC	 SPST-NC-DB FORM Y SCHEMATIC	 SPDT-DB FORM Z SCHEMATIC	 DPST-NO-DB FORM X SCHEMATIC	 DPST-NC-DB FORM Y SCHEMATIC	 DPDT-DB FORM Z SCHEMATIC	 SPST-NO-DB & SPST-NC-DB SCHEMATIC		
CIRCUITRY OPTIONS													
 SPST-NO-DB FORM X SCHEMATIC	 SPST-NC-DB FORM Y SCHEMATIC	 SPDT-DB FORM Z SCHEMATIC											
 DPST-NO-DB FORM X SCHEMATIC	 DPST-NC-DB FORM Y SCHEMATIC	 DPDT-DB FORM Z SCHEMATIC											
 SPST-NO-DB & SPST-NC-DB SCHEMATIC													
 POTTED LEADS STYLE													