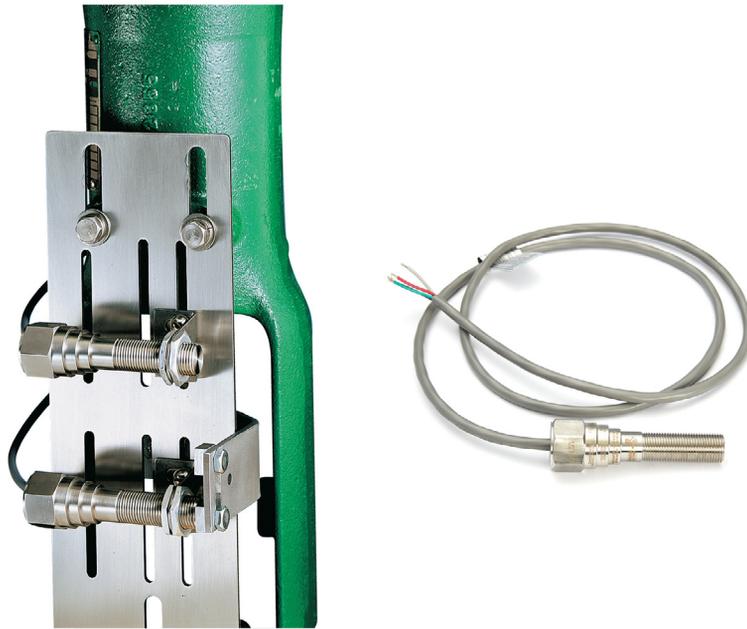


**ACCUTRAK™ 316 SILVER BULLET**  
EXPLOSIONPROOF LINEAR POSITION SWITCH - ATEX/IEC/NEC/INMETRO

A hermetically-sealed proximity switch in a stainless steel enclosure which is certified explosionproof. Double encapsulated in an epoxy resin and shock absorbent polymer.



**FEATURES**

- 316 stainless steel construction
- Available with SPDT or DPDT switches
- Low temperature option to -50°C (-58°F)
- Standard 1.3 / 6 meters (4 / 20 feet) leads allows remote mounting if required
- Cable marked as appliance wiring material UL758
- Available with both Tungsten and Rhodium contacts
- Rhodium contact option for use with low power I/O's for longer contact life
- Highly resistant to shock and vibration stresses, chemical and environmental exposure
- Magnetic trigger bolt included

**TECHNICAL DATA**

**Agency approvals**

Area classification (ATEX/IECEX/INMETRO)	Ex II 2 G Ex db IIC T* Gb Ex II 2 D Ex tb IIIC T* Db IP6X
Area classification (NEC 500)	Class I, Division 1: Groups A,B,C and D Class II, Division 1: Groups E,F and G
Enclosure standards (IEC)	IP66/67 (with suitable glanding) IPx8 (with suitable glanding)
<b>Switches</b>	Magnum, SPDT hermetically sealed switches Magnum, DPDT hermetically sealed switches
<b>Enclosure</b>	Stainless steel

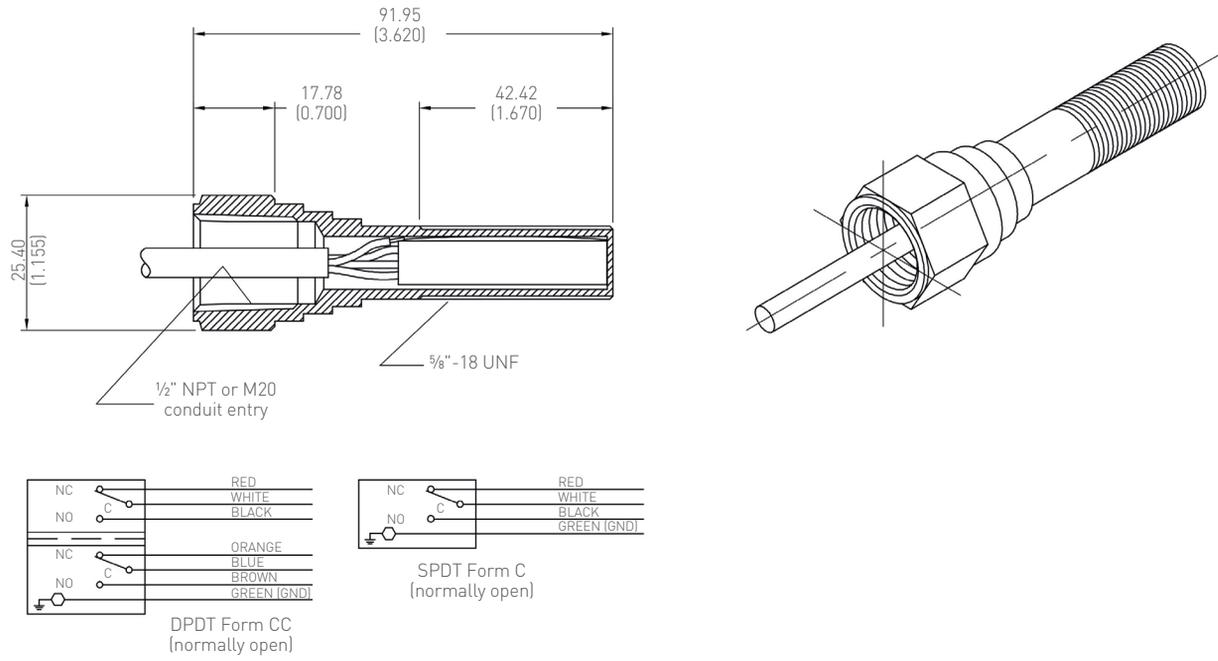
**GENERAL APPLICATION**

A hermetically sealed linear position switch, certified explosion proof and suitable for arduous industrial applications and environmental exposure.

# ACCUTRAK™ 316 SILVER BULLET

## EXPLOSIONPROOF LINEAR POSITION SWITCH - ATEX/IEC/NEC/INMETRO

### DIMENSIONS



Dimensions in mm, imperial dimensions (inches) in parenthesis

### TECHNICAL SPECIFICATIONS

Enclosure	316 stainless steel
Temperature range	
316SB	ATEX/IECEX/INMETRO/NEC certified temperature range: -20°C to +84°C (T5) and -20°C to +69°C (T6)
316LT	ATEX/IECEX/NEC certified temperature range: -50°C to +84°C (-58°F to +185°F) (T5) -50°C to +68°C (-58°F to 154.4°F) (T6)
Operating time	3.0 ms
Repeatability	0.13 mm (0.005 inch)
Hysteresis	0.76 mm (0.030 inch)
Hermetic seal	Glass (vacuum)
Sensing	2.54 mm (0.100 inch) end sensing
<b>Electrical rating</b>	
Tungsten	SPDT Form C (normally open) / DPDT Form CC (normally open) 3 A / 120 V AC 1.5 A / 240 V AC 2 A / 24 V DC
Rhodium	SPDT Form C (normally open) / DPDT Form CC (normally open) 1 A / 24 V DC 0.20 A / 120 V AC
<b>Cable</b>	
Wire diameter	18AWG
Jacket diameter SPDT switch	6.1 mm +/- 0.25 mm (0.239 inch +/- 0.010 inch)
Jacket diameter DPDT switch	9.1 mm +/- 0.25 mm (0.360 inch +/- 0.010 inch )
Appliance wiring material	UL758

### MAINTENANCE

All Silver Bullets are bolted to heavy duty stainless steel brackets. Switch triggering is accomplished by stainless steel encapsulated ferromagnetic actuators. Eventually, as valve seats wear, a slight re-adjustment of position switches becomes necessary.

### NOTES

See Hazardous area classification technical bulletin for further information on global standards.

# ACCUTRAK™ 316 SILVER BULLET

## SELECTION GUIDE

<b>Base model</b>	
316SB-	Silver Bullet
316LT	Silver Bullet - Low Temperature Unit
<b>Switch design</b>	
S	Single Pole Double Throw (SPDT)
D	Double Pole Double Throw (DPDT)
<b>Contact material</b>	
T	Tungsten
R	Rhodium
<b>Conduit</b>	
M	M20 x 1.5
N	1/2" -14 NPT
<b>Length of flying lead</b>	
-004	4 Feet (1.2 M)
-020	20 Feet (6 M)
<b>Special feature</b>	
-AAA	Standard
-CIQ	1/2" -13 x 3/4" Trigger Bolt Option
-XXX	Special Variant
<b>316SB-</b>	<b>S</b>
	<b>T</b>
	<b>N</b>
	<b>-004</b>
	<b>-AAA</b> = Model Number <b>316SB-STN-004-AAA</b>

**NOTES:**

Consult Westlock Sales about additional regional approvals available.  
 For InMetro, add -M after special feature. For. e.g. 316SB-STN-004-AAA-M.



#### Translations

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