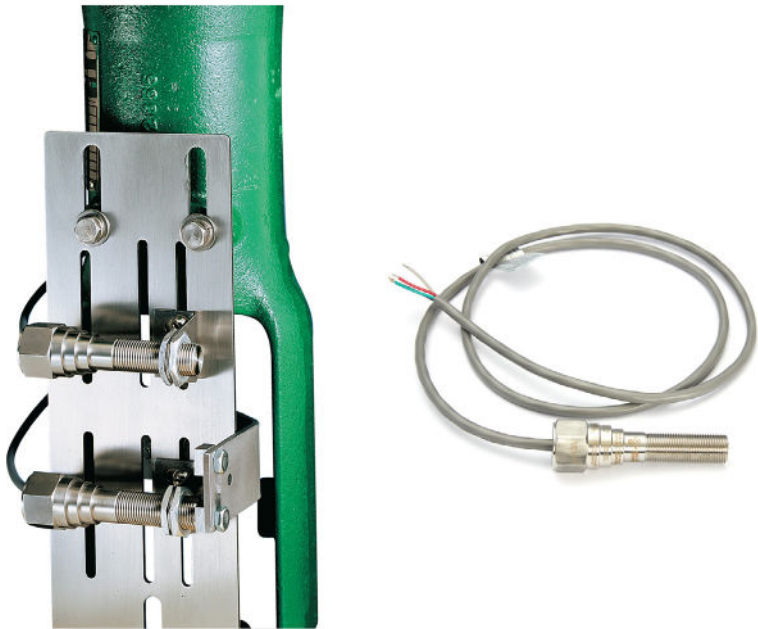


ACCUTRAK™ 316 SILVER BULLET
EXPLOSIONPROOF LINEAR POSITION SWITCH - ATEX/IEC/NEC/INMETRO

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)
Switches	Magnum, SPDT hermetically sealed switches Magnum, DPDT hermetically sealed switches
Enclosure	Stainless steel

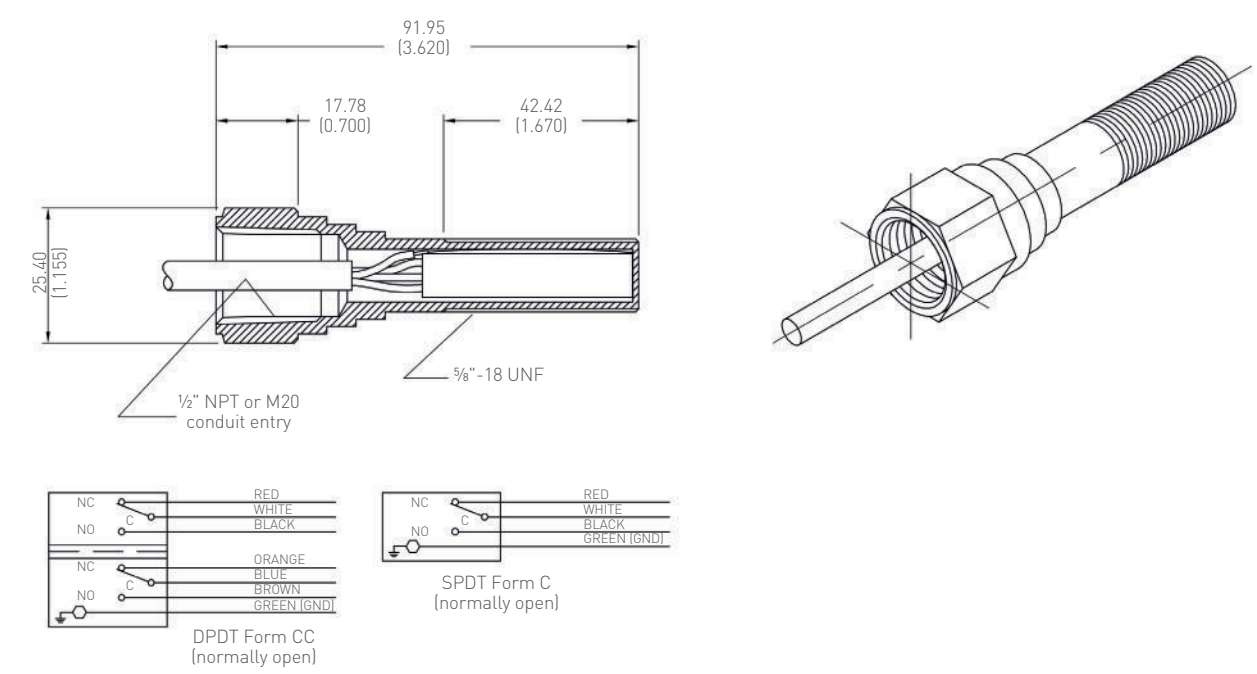
GENERAL APPLICATION

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
Electrical rating	
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
Cable	
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

NOTES

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

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.

ACCUTRAK™ 316 SILVER BULLET

SELECTION GUIDE

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

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

Where translated, the copy is taken from the original English document TD10060-EN as checked by the relevant notified certification body and therefore the original English document will prevail. No rights or liability can be derived from any translation.

Crane Co., and its subsidiaries cannot accept responsibility for possible errors in catalogues, brochures, other printed materials, and website information. Crane Co. reserves the right to alter its products without notice, including products already on order provided that such alteration can be made without changes being necessary in specifications already agreed. All trademarks in this material are the property of the Crane Co. or its subsidiaries. The Crane and Crane brands logotype (WESTLOCK CONTROLS®) are registered trademarks of Crane Co. All rights reserved.

WESTLOCK CONTROLS

Head Office	USA	Europe	Asia
280 N. Midland Avenue, Ste 258	+1 201 794 7650	+44 [0]1892 516277	+65 6266 4535
Saddle Brook, NJ 07663			
United States	westlockcontrols.com		