



<http://www.smstork.com> <http://www.sms-tork.com.tr>

**SMS Sanayi Malzemeleri Uretim ve Satısı A.S.**

## **EXPLOSION PROOF SWITCH BOX**



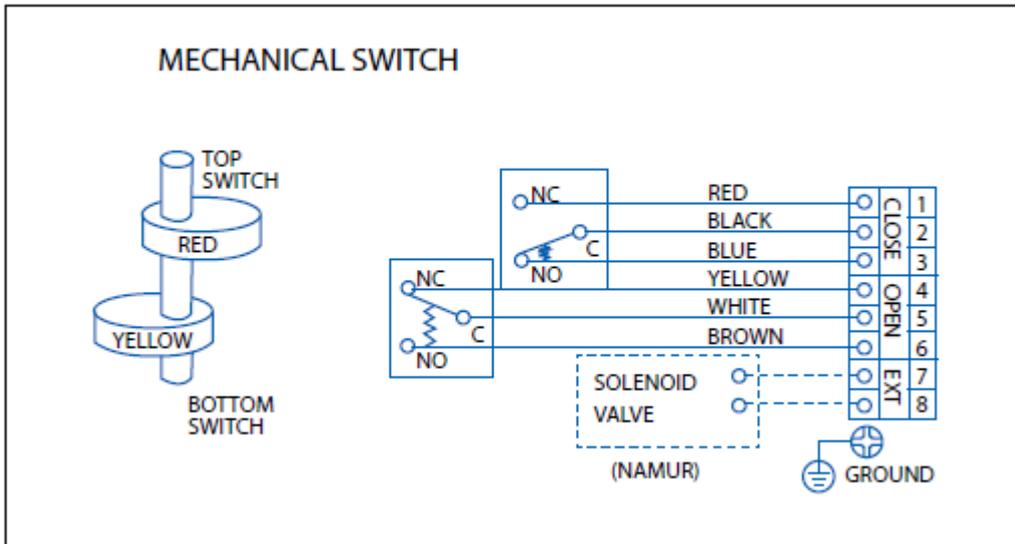
### **Introduction**

An ex proof limit switch box is a device used for on the pneumatic rotary actuators for showing the position of the valve visually and giving output signal according to the position of the valve, on the potentially explosive and hazardous areas.

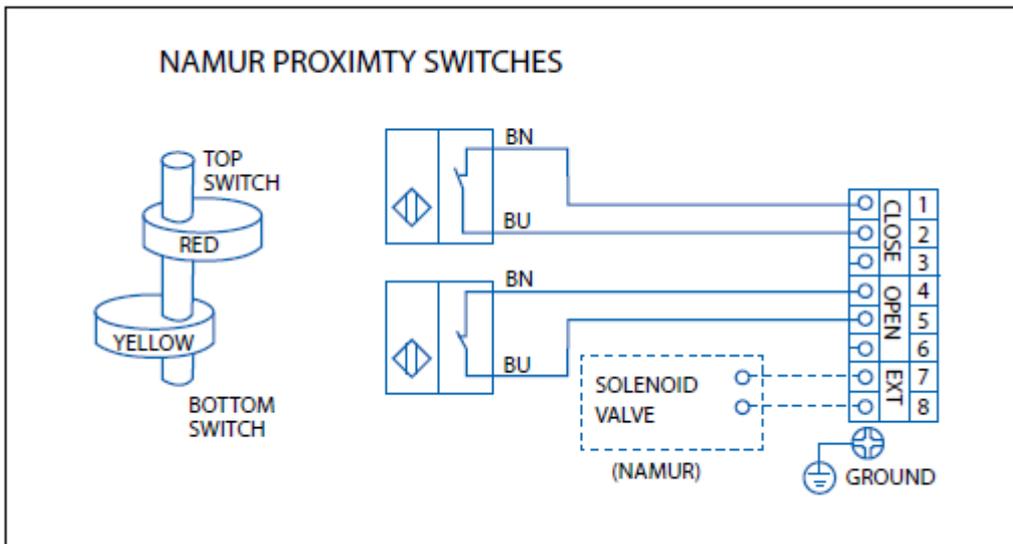
## Technical Specifications

- On-Off valve position indicator
- Compact small body
- Ex Proof, Ex d IIC T6, Ex ia IIC T6 (Optional)
- IP67
- Body is composed of Aluminium die cast and powder coating
- Bolts on visual position indicator
- Dual cable entries, ½" NPT, M20 x 1.5 (Optional)
- Easy mounting with NAMUR standard, stainless steel shaft and bracket.
- Mechanical switches are used for standard production. Proximity switches can be used on request.
- Operating temperature range -20 °C to +80 °C

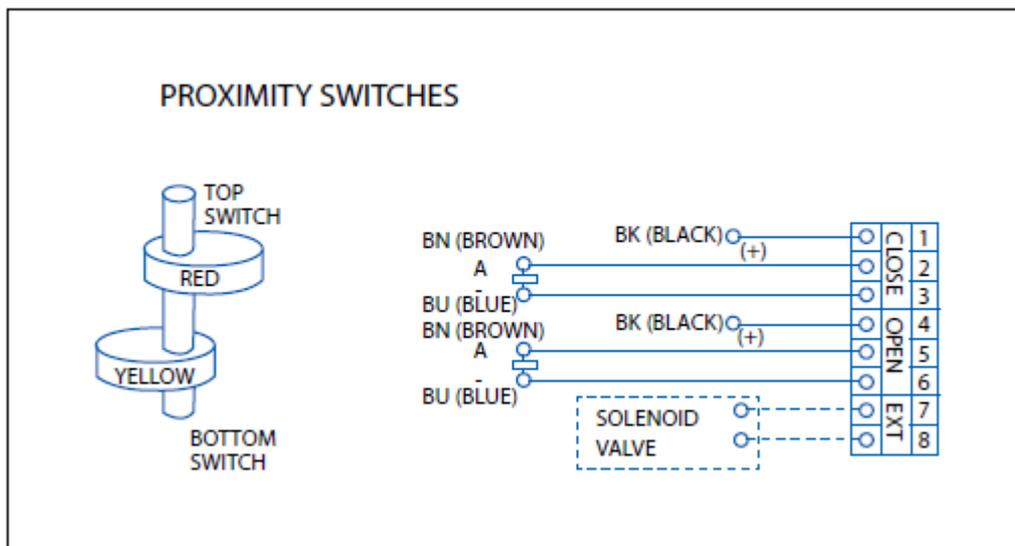
## Wiring Scheme



Wiring scheme for mechanical switches



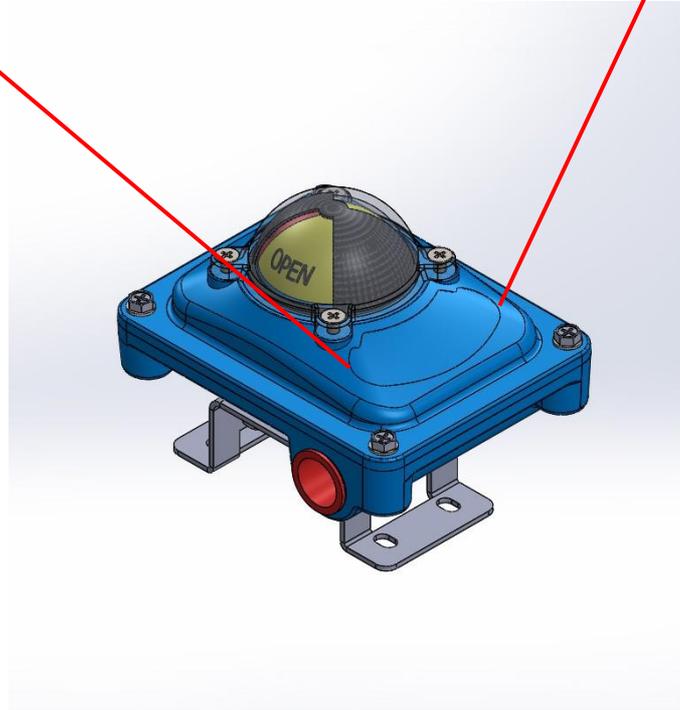
Wiring scheme for NAMUR proximity switches



Wiring scheme for proximity switches

**Warning Signs and Labeling**

<h1>TORK<sup>®</sup></h1>	
<b>EX PROOF LIMIT SWITCH BOX</b>	
MODEL	: LS.20 2M
CE	 II 2GD d IIC T6 IP 67
SWITCH TYPE	: Mechanical Switches / 2 SPDT
OPERATING VOLTAGE	: Max. Values at AC : 250V 16A, Max. Values at DC: 250V 0.3A, 125V 0.6A, 30V 10A
MOUNTING PART	: NAMUR Mounting Standards
<small>Made in TR/2013.05</small>	
<b>Manufactured by SMS Inc.</b>	



**SMS Sanayi Malzemeleri Uretim ve Satisi A.S.**

Head Office : Bostancı Yolu Cad. Kuru Sok. No:16 Y. Dudullu, 34776 Ümraniye / İstanbul - Turkey  
Tel: +90 (216) 364 34 05 (pbx) Fax: +90 (216) 364 37 57

Factory: Çerkeşli OSB Mah. Dilovası İMES OSB 5.Cad. No:6 - Kocaeli / Turkey  
Tel: +90 (262) 290 20 20 Fax: +90 (262) 290 20 21