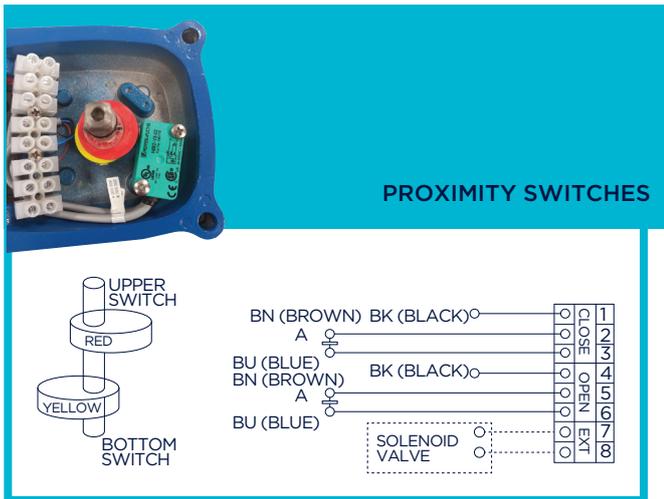


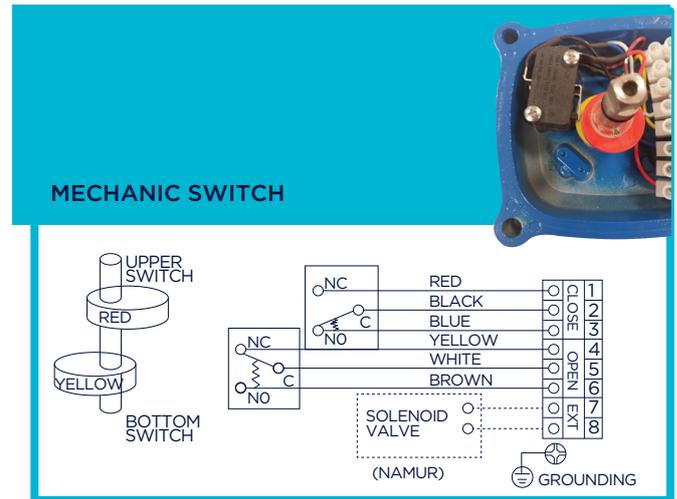
TORK SWITCH BOX

Technical Specification

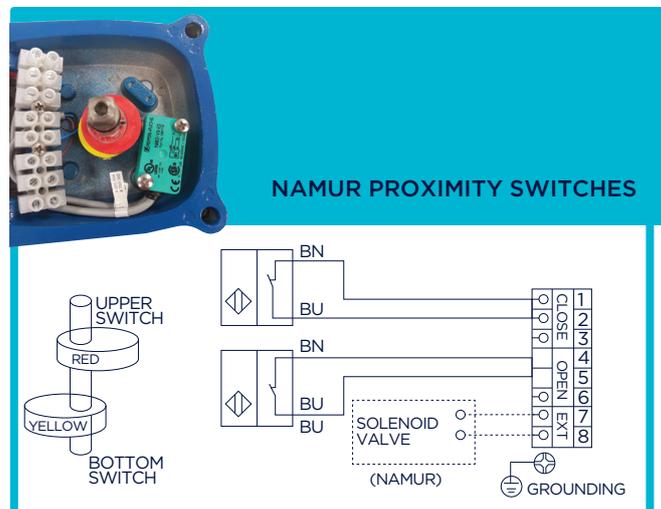
- On-Off position indicator
- Compact body
- Ex-proof, Ex d IIC T6, Ex ia IIC T6 (On order)
- IP67
- Electrostatic dyed aluminium injection body
- 2 pieces cable input NPT 1/2", M20 (On order)
- Easy mounting with namur standard, stainless steel bracket
- Used mechanic switch as standard. On order, can be used proximity switch.
- Working temperature: -20 °C ile +80 °C



Connection diagram for Proximity switches



Connection diagram for Mechanic switches



NAMUR Proximity switchler için bağlantı şeması

TORK SWITCH BOX- LS 30



Features

- Solid and flexible design
- Aluminium die-casting housing and polyester powder coating
- Quick-set cam
- Visual dome position indicator
- Spring loaded splined cam
No adjustment required after the initial setting
Easy setting without tool
- Dual cable entries
- Captive cover bolts
Designed to prevent from losing them
- Easy mounting bracket
NAMUR standard stainless steel shaft and bracket

Description

Providing accurate and reliable valve position monitoring this series limit switch boxes are design for quarter turn valve applications (0° to 90°) used in many industries:

Chemical & petrochemical
Municipal wastewater
Power plant
Oil refinery
Marine
General industry

A wide range of product with many switch and other accessory options cover various customer needs: cost-effective, corrosive/hostile environments, enclosure standards (IP67, IP68, NEMA 4, 4X, 6, flame-proof, intrinsic safety), higher/lower operating temperature, multiple cable entries, 3-way or 5-way valve applications, current position signalling, solenoid valve and many more.

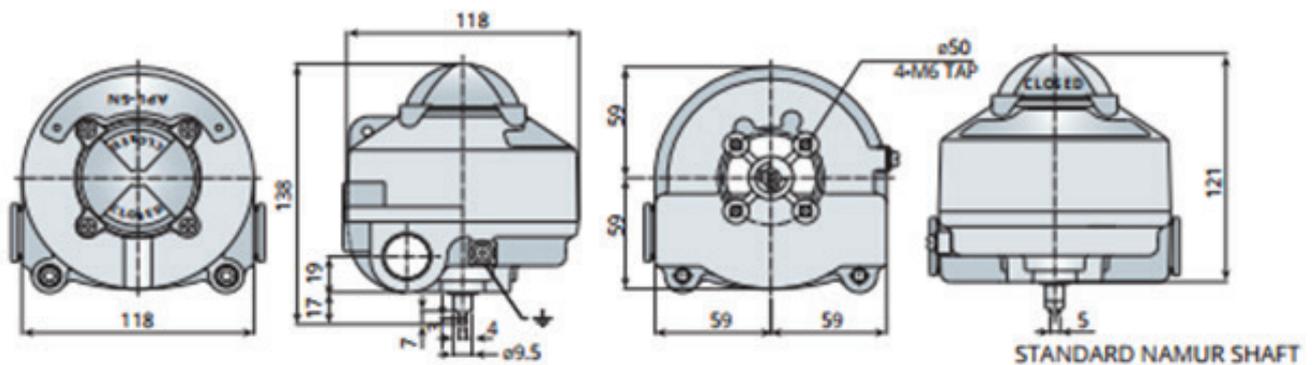
The housings of standard is series are die cast aluminium. To provide high corrosion resistance, they are chromate coated and polyester powder coating is further applied.

With Pre-wired switches and pre-set cams allow quick and easy installation. Is series has spring loaded splined cams which can be adjusted without requiring any tools. One the initial setting has been done, there is no need for further adjustment. Also, a full line of NAMUR standard mounting brackets are available for all is series.

Standard Specification

Model		LS30
Enclosure	Material	Aluminium
	Ip rating	IP 67
	NEMA rating	NEMA 4, 4X,6
Certified	ATEX, IECEx	Ex d IIC T6
	CSA	Cl. 1, Div.1, Gr.B,C,D
	EAC	1 Ex d IIC T6 Gb X
	NEPSI	Ex d IIC T6 Gb
	Cable entries	Ex d IIC T6 Gb
	Ambient temp.	-20 to +80 °C -20 to +60 °C (flame proof)
	Terminal strips (0.08 - 2.5 mm ²)	8 points
	Position indicator 0° - 90°	Open: Yellow Close: Red
	Switches	2x mechanical switch / 2x proximity serisor
	Coating	Chromates, polyester powder coating
Color	Blue	

Model		APL-5
Enclosure	Material	Aluminium
	Ip rating	IP 67
Explosion proof	ATEX, IECEx	Ex Ia IIC T6/ Ex tb IIIC T85 °C IP67
	Cable entries	2x(PF3/4", PT3/4", M20, M25)
	Ambient temp.	APL -52X: -25-60 °C -53X: -40-60 °C -5HX: -50-60 °C
	Terminal strips (0.08 - 2.5 mm ²)	-
	Position indicator	Three positions Close: Red/Open: Green
	Switches	4x mechanical switch / 4x proximity serisor
	Potentipmeter	1 kΩ (standard= 5 kΩ, 0-10 kΩ)
	Current output signal unit	4-20 mA dc 12.5-37 Vdc (24 V typical)
	Coating	Additional nano coating



■ Switch Specification

Mechanical switch



Standard switches

- 2 x SPDT switches
- Contact arrangement:
125,250 V ac 16 A, 250 V dc 0.3 A,
125,250 V ac 0.6 A, 1/2 HP
- Operating frequency
-Max. 600 operations/min
(mechanical)
-Max. 60 operations/min
(electrical)



Optional switches

- 3 x SPDT switches
- Contact arrangement:
125,250 V ac 16 A,
250 V dc 0.3 A,
125 V dc 0.6 A,
125,250 V ac 1/2 HP



Optional switches

- 4 x SPDT switches
- Contact arrangement:
125,250 V ac 16 A,
250 V dc 0.3 A,
125 V dc 0.6 A,
125,250 V ac 1/2 HP



Optional switches

- 2 x DPDT switches
- Contact arrangement:
125/250 V ac 16 A,
1 HP 125 V ac,
2 HP 250 V ac,
250 V dc 0.5 A

Proximity sensor



NJ2-V3-N P & F (intrinsically safe)

- Inductive proximity sensor
- Voltage range: 8 V dc
- Sensing range: 2 mm
- Ambient temperature: -25 to +60 °C



PS17-5DNU

- Inductive proximity sensor
- Voltage range: 10-30 V dc
- Sensing range: 5 mm