



# Weyn-Lauwers N.V.

Industriepark-Noord 12  
B - 9100 SINT-NIKLAAS

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## LIMIT SWITCH BOX BE45 - BS45



### FEATURES:

#### "Quick Set" Cams

The operating position of the switches can be easily changed by adjusting the high resolution spline cams manually and independently without the need for additional tools. The cams are spring backed and will not be affected by normal vibration.

#### Compact Design

The Max-Air BE45 is a very compact limit switch box, thereby allowing maintenance of a smaller valve envelope size.

#### Easy Wiring

BE45 is equipped as standard with two (2) conduit entries M20x1.5 (1/2" NPT on request) and one (1) terminal strip with 8 point, angled to allow for easy wiring.

#### High Visibility Indicator

The BE45 comes standard with a high visibility beacon, offering clear location of the current valve position.

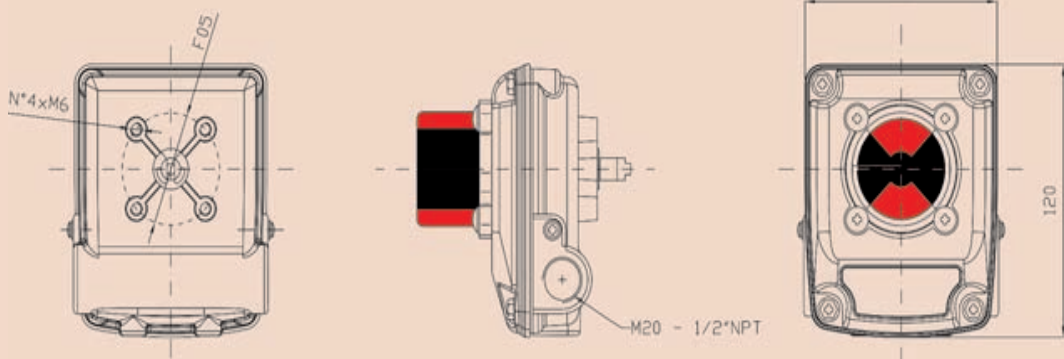
#### Captive Cover Bolts

The switchbox also comes standard with stainless steel captive cover bolts.

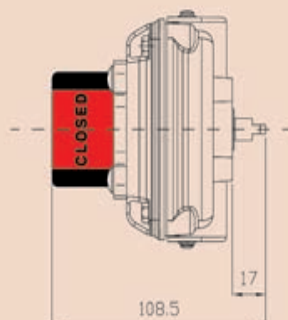
#### Mounting Bracket

NAMUR 80x30 H30 stainless steel bracket supplied as standard with stainless steel fastening hardware for ease in mounting the switchbox onto the actuator. BE45 can be mounted on NAMUR H 20 actuators thru a techno polymer coupling.

**Available ATEX II 3 D and ATEX II 2 G D (EExia) approved**

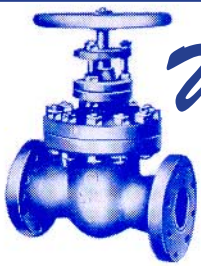


DIMENSIONI  
DIMENSIONS



DIMENSIONI IN mm.  
DIMENSIONS IN mm. ( INCHES )





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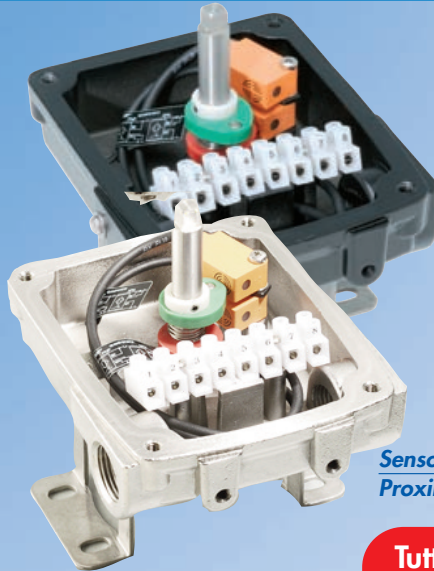
## BOX MICRO

**BE45-BS45**

## LIMIT SWITCH BOX



*2 Fine corsa meccanici  
2 Mechanical switches*



*Sensori di prossimità  
Proximity sensors*



*2 Fine corsa magnetici  
2 Magnetic switches*

**Tutti disponibili in ACCIAIO INOX**  
**All available in STAINLESS STEEL**

### Electrical Rating

Mechanical switches	3A @ 250 V AC
Proximity sensors	See ordering information
Magnetic switches	See ordering information

### Material

Item	Material
Housing	Die Cast Aluminium AISI 316L Stainless Steel
Shaft	AISI 304 Stainless Steel (For All LSB) AISI 316 Stainless Steel (for SS LSB)
External Indicator	Polycarbonate
Indic OPEN/CLOSED	ABS
Cams	ABS
Spring	Stainless Steel
O Ring	NBR
Bracket	AISI 304 Stainless Steel (For All LSB) AISI 316 Stainless Steel (for SS LSB)

### Technical Specification

Specification	Standard	Option
Enclosure protection	IP67/NEMA 4&4x	Intrinsically Safe EEx ia IIC T6
Temperature Range	-20°C ÷ +80°C (-4°F ÷ 176°F)	-40°C ÷ +85°C (-40°F ÷ 185°F)
Conduit entries	2x M20x1,5	2x 1/2" NPT
Switches	2x mechanical switches SPDT 2x Proximity Sensors 2x Magnetic Switches	Gold plated contacts
Terminal	8 Points	
External Coating	Black epoxy Coating ElectroPolished Stainless Steel	
Weight	800 g	