



## Technical Specification Rotary Limit Switch Series FRS

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## 1. General Specifications Rotary Limit Switch

### 1.1 Housing

#### 1.1.1 General Specifications Housing

Protection Degree: IP 65

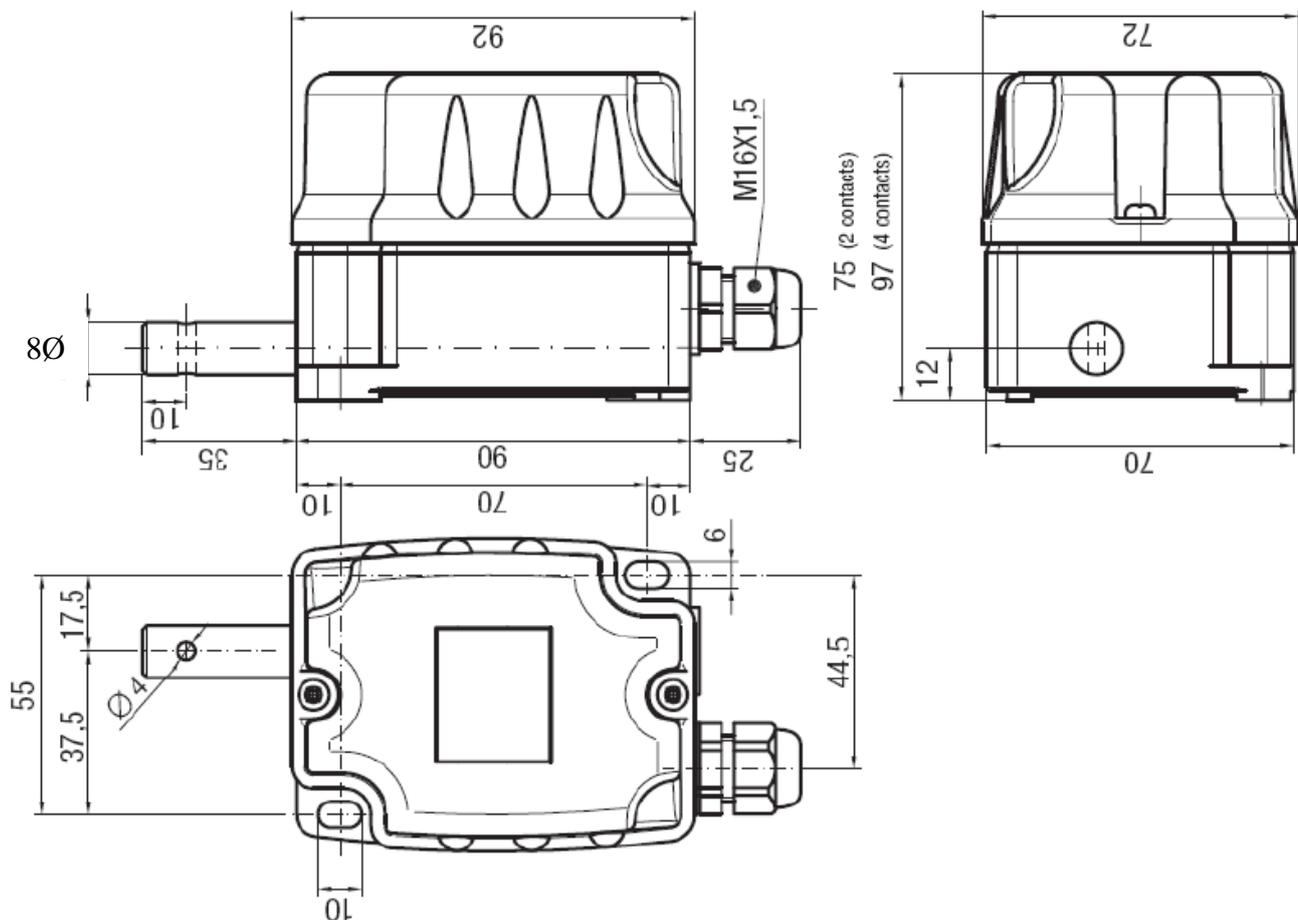
Material: fibre glass reinforced plastic material

Colour: Cover Yellow, Base Black

Shaft: Stainless Steel 12mm diameter

Cable Entries: 1 x M16x1,5

#### 1.1.2 Drawing Housing



## 1.2 Gear

Revolution Ratio Contacts: 1:50

## 1.3 Contacts

### 1.3.1 Electrical Specifications

Switches: Snap Action (1NO/1NC Changeover Contact)

Harmonized Rules: EN 60947-5-1

Insulation Voltage: 250 V~

Operational Current: 10(3)A

Mechanical Lifetime: 3 Million operations

#### Performance

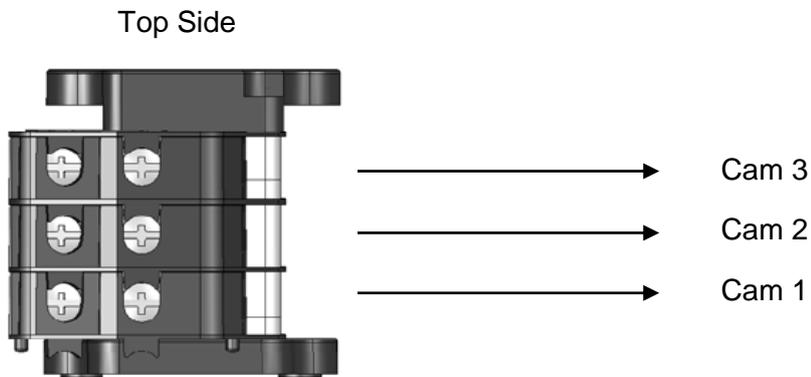
AC15	$V_e$ (V)	24	48	110	230
	$I_e$ (A)	10	10	6	3
DC13	$V_e$ (V)	24	48	110	230
	$I_e$ (A)	3	1,5	0,8	0,4

### 1.3.2 Drawing Contact Elements



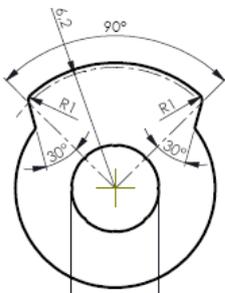
## 1.4 Cams

### 1.4.1 General Specifications Cams

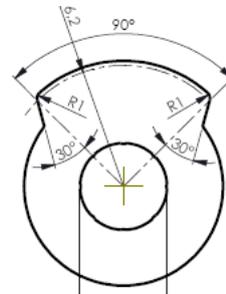


### 1.4.2 Drawing Cams

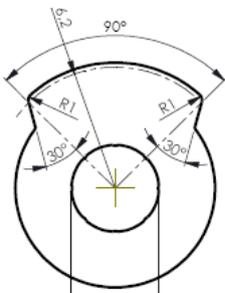
Cam 1:



Cam 2:



Cam 3:



### 1.4.3 Adjustment Cams

