



Description

Pneumatic Rotacam

Based on the highly successful conventional Rotacam, the Pneumatic Rotacam has the same design features except that it gives positive acting isolation of a machine's compressed air supply instead of an electrical power source.

The switch is mounted at the hinge point of the guard door. The bored stainless steel operating shaft is mounted in a sealed bearing which is so robust that it enables the switch itself to be used as the hinge pin if necessary.

The pneumatic valve specifications are shown below. The external switch dimensions and operating shaft specifications are the same as the conventional Rotacam.

Note: The Pneumatic Rotacam does not have the adjustable cam used with the standard Rotacam.

Pneumatic Lifeline 4

Based on the conventional Lifeline 4 this rope operated pneumatic safety switch can be used for guarding exposed pneumatic machinery and conveyor equipment.

The Pneumatic Lifeline 4 is immune to machine vibration thus overcoming the problem of nuisance tripping.

The pneumatic valve specifications are shown below. The external switch dimensions are the same as the conventional Lifeline 4.

Features

Pneumatic Rotacam

- Can be used as a hinge pin with light and medium weight guard doors on pneumatic machinery
- Isolates pneumatic power within 5° of guard movement

Pneumatic Lifeline 4

- Switches pneumatic power with up to 75 meter span
- Lid mounted emergency stop button, designed to EN 418
- Switch lockout with indication of rope pulled and rope slack

Specifications

Standards Pneumatic Rotacam	IEC 60947-5-1, ISO 14119, ISO TR 12100
Standards Pneumatic Lifeline 4	IEC 60204-1, IEC 60947-5-1, ISO 14119, ISO TR 12100, IEC 60204-1, ISO 13850
Pneumatic Fluid	Compressed air or neutral gas
Pressure Range	2... 8 bars
Passage Diameter	2.7 mm
Connection Type	Push in fittings for standard 4 mm Ø nylon tube, internal Ø 2.5 mm
Flow Rate	138 NL/min. (ie., number of liters of air at normal atmospheric pressure obtained with the output open to atmosphere and the supply pressure at 4 bars)
Mechanical Life	1,000,000 operations
Operating Temperature— C (F)	10... 60° (50... 140°)

Note: For other specifications and dimensions see relevant specifications of standard product

Product Selection

Type	Cat. No.
Rotacam	440H -P03035
Lifeline 4	440E -P13045

Note: See standard Lifeline 4 for installation kits, etc.