

Edge 2 and Edge 3 Safety limit switches



Features:

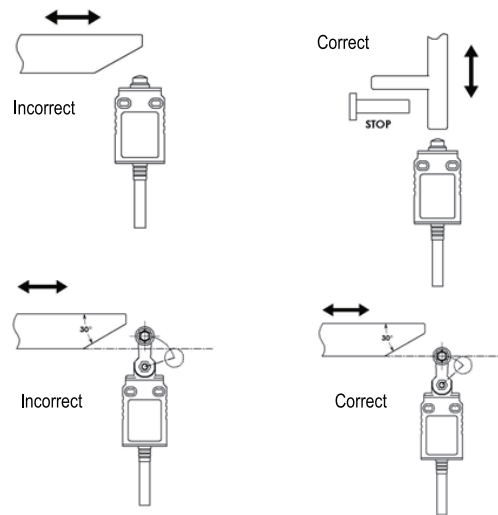
- Standard Duty Plastic body - red color
- Heavy Duty Die Cast Metal Bodies - black color
- Positive opening NC safety contacts to IEC 945-5-1
- Unique 3 pole positively operated contacts
- Choice of 7 actuator heads Linear and Rotary
- High Mechanical Life 5,000,000 cycles
- Side or End cable exit
- Enclosure Protected to IP67 - wash down suitable
- Wide operating temperature -25C to 80C.
- Contact Blocks : 2NC 1NO Slow break

Application:

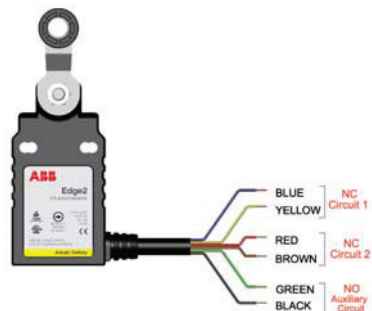
ABB Jokab Safety limit switches are designed to be mounted for position sensing of moving applications, e.g., guard doors, conveyors, machine beds, elevators. They are available with linear plungers, rotary levers or roller plungers and either slow or snap action contacts.

Operation:

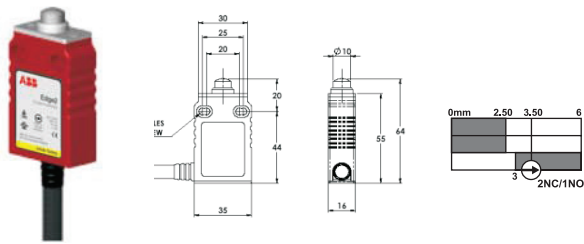
Operation of the switches is achieved by a sliding actuation of the moving object to cause deflection of the switch plungers or levers. For safety applications it is important that the moving object does not pass completely over the switch actuators so as to either cause damage to the the actuator or allow it to return to it's original position.



Standards	EN1088 IEC 947-5-1 UL508
Approvals	cULus TUV
Utilization Category	AC15 A300 240V. 3A.
Thermal Current (Ith)	10A
Rated Insulation Voltage	300VAC
Rated Impulse Withstand Volt	2500VAC
Insulation Resistance	100MΩmin.
Max. Switching Speed	250mm/s
Max. Switching Frequency	6,000 operation per hour
Case Material	Die Cast Metal or Plastic
Roller Material	Various Polymers
Enclosure Protection	IP67
Operating Temperature	Min. -25°C Max 80°C
Mechanical Life Expectancy	5,000,000
Vibration	IEC 68-2-6, 10-55Hz 0.35mm, 1 octave/min
Conductor size	1.5 sq.mm 4 Core or 6 Core
Cable OD	8mm max.
Fixing	2 x M4
Cable Length	2 Meter

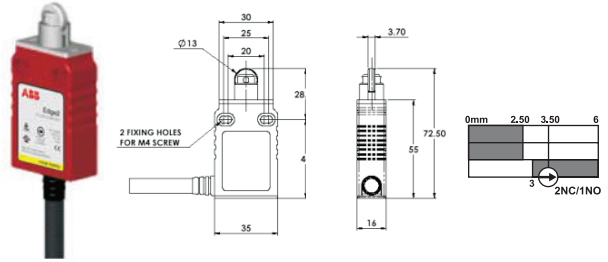


Edge 2 Safety limit switches



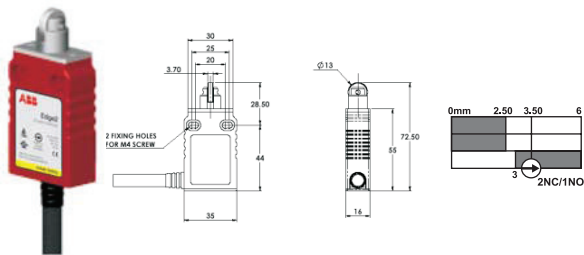
Edge 2 Pin

2TLA050120R4008 Edge2, Pin 3m side cable, 2NC/1NO
 2TLA050120R4000 Edge2, Pin 3m end cable, 2NC/1NO



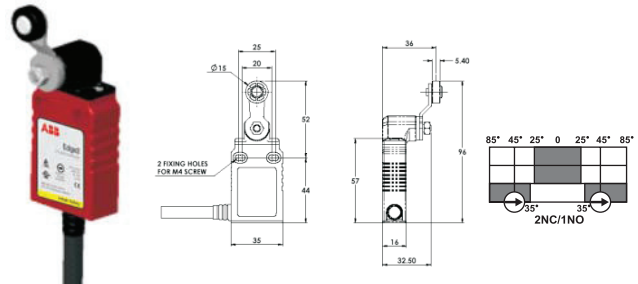
Edge 2 Roller Plunger 1

2TLA050121R4008 Edge2, Roller 3m side cable, 2NC/1NO
 2TLA050121R4000 Edge2, Roller 3m end cable, 2NC/1NO



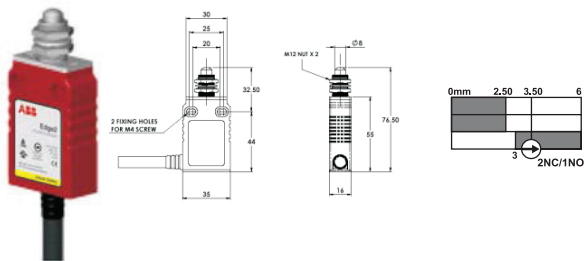
Edge 2 Roller Plunger 2

2TLA050122R4008 Edge2, Roller 3m side cable, 2NC/1NO
 2TLA050122R4000 Edge2, Roller 3m end cable, 2NC/1NO



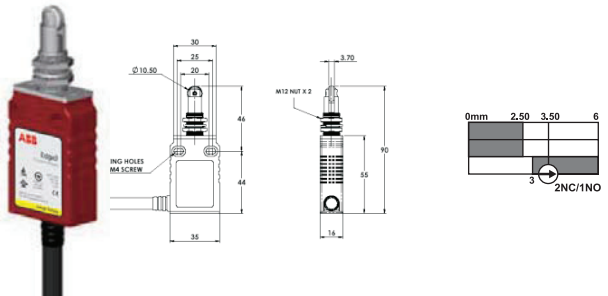
Edge 2 Roller Lever

2TLA050123R4008 Edge2, Lever 3m side cable, 2NC/1NO
 2TLA050123R4000 Edge2, Lever 3m end cable, 2NC/1NO



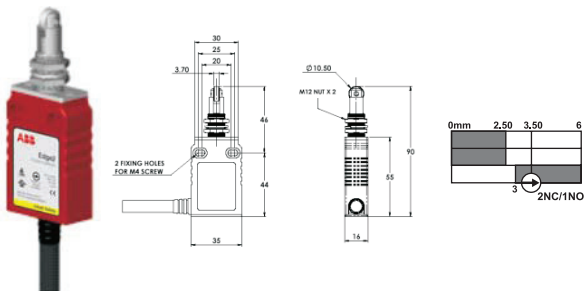
Edge 2 Panel Mount Pin

2TLA050124R4008 Edge2, Panel Pin 3m side cable, 2NC/1NO
 2TLA050124R4000 Edge2, Panel Pin 3m end cable, 2NC/1NO



Edge 2 Panel Roller 1

2TLA050125R4008 Edge2, Panel Roll 3m side cable, 2NC/1NO
 2TLA050125R4000 Edge2, Panel Roll 3m end cable, 2NC/1NO

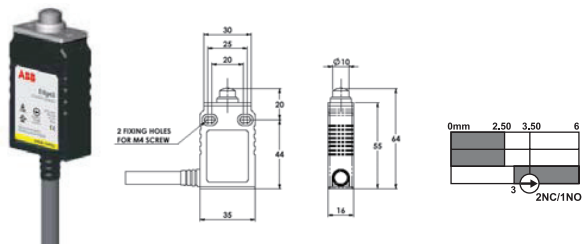


Edge 2 Panel Roller 2

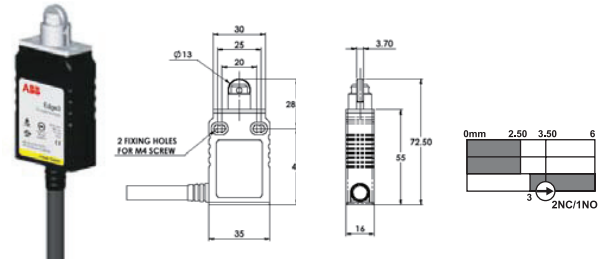
2TLA050126R4008 Edge2, Panel Roll 3m side cable, 2NC/1NO
 2TLA050126R4000 Edge2, Panel Roll 3m end cable, 2NC/1NO



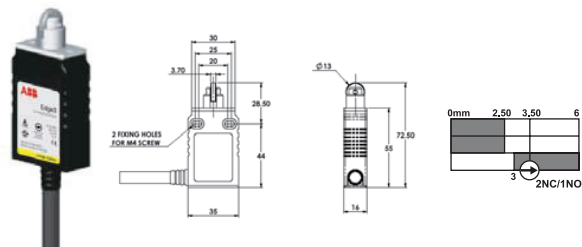
Edge 3 Safety limit switches



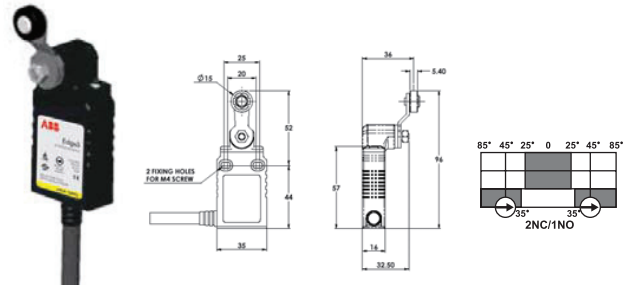
Edge 3 Pin
 2TLA050120R4038 Edge3, Pin 3m side cable, 2NC/1NO
 2TLA050120R4030 Edge3, Pin 3m end cable, 2NC/1NO



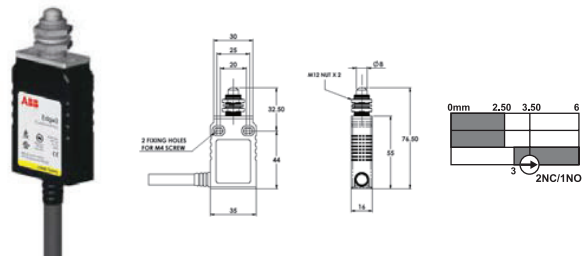
Edge 3 Roller Plunger 1
 2TLA050121R4038 Edge3, Roller 3m side cable, 2NC/1NO
 2TLA050121R4030 Edge3, Roller 3m end cable, 2NC/1NO



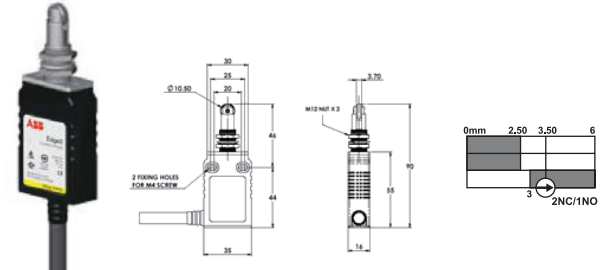
Edge 3 Roller Plunger 2
 2TLA050122R4038 Edge3, Roller 3m side cable, 2NC/1NO
 2TLA050122R4030 Edge3, Roller 3m end cable, 2NC/1NO



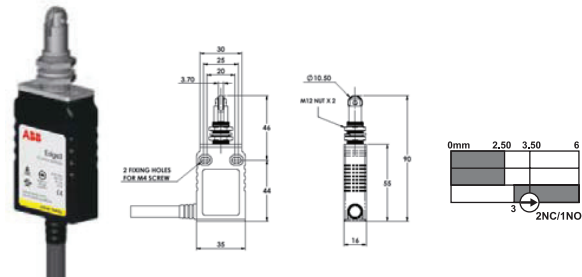
Edge 3 Roller Lever
 2TLA050123R4038 Edge3, Lever 3m side cable, 2NC/1NO
 2TLA050123R4030 Edge3, Lever 3m end cable, 2NC/1NO



Edge 3 Panel Mount Pin
 2TLA050124R4038 Edge3, Panel Pin 3m side cable, 2NC/1NO
 2TLA050124R4030 Edge3, Panel Pin 3m end cable, 2NC/1NO



Edge 3 Panel Roller 1
 2TLA050125R4038 Edge3, Panel Roll 3m side cable, 2NC/1NO
 2TLA050125R4030 Edge3, Panel Roll 3m end cable, 2NC/1NO



Edge 2 Panel Roller 2
 2TLA050126R4038 Edge3, Panel Roll 3m side cable, 2NC/1NO
 2TLA050126R4030 Edge3, Panel Roll 3m end cable, 2NC/1NO

