

Limit switch TZ-8122, roller 90°

Reference: AM5070

EAN13: -

HS code: 85365080

Product attributes:

Product features:

Voltage: 115 V DC

Voltage: 250 V AC

Waterproof grade: IP65

Max. current: 5 A



Product description:

The CNTD TZ-8122 limit switch from the TZ-8 series is a robust industrial mechanical switch with a straight push piston, designed for precise detection of end positions and mechanical stops. The compact design allows installation even in limited space, while the straight piston ensures unambiguous and repeatable switching without spring preload.

Technical specifications

- Type: mechanical limit switch
- Model: TZ-8122
- Actuator: direct push piston
- Contact arrangement: 1× NO + 1× NC (double circuit)
- Operating speed: 5 mm/s to 0.5 m/s
- Contact resistance: max. 25 mΩ
- Insulation resistance: min. 100 MΩ (at 500 VDC)
- Dielectric strength: 1500 VAC / 1 minute
- Mechanical life: 1,000,000 cycles
- Electrical life: more than 500,000 switching cycles
- Operating temperature: -20°C to +70°C
- Relative humidity: ≤ 95% RH
- Protection: IP65
- Body dimensions: 64 × 28.5 × 25 mm
- Total length: 113.2 mm
- Weight: 130g

Rated voltages and currents

Load type	Voltage	NO contact	NC contact
Resistive (AC)	125VAC	5 A	5 A
	250VAC	5 A	5 A
Resistive (DC)	8-30 VDC	5 A	5 A
	125 VDC	0.4A	0.4A
	250 VDC	0.2A	0.2A
Induction (AC)	125VAC	3 A	3 A
	250VAC	3 A	3 A
Inductive (DC)	8-30 VDC	4 A	4 A
	125 VDC	3 A	3 A
	250 VDC	3 A	3 A
Surge current	-	12 A	24 A

Functions and features

- Direct push piston for precise and repeatable switching
- Compact dimensions suitable for limited installation spaces
- Double spring contact mechanism for long life
- Sturdy aluminum alloy and reinforced plastic housing
- Water, dust and oil resistance (IP65)
- Stable electrical parameters for both AC and DC circuits

Ideal for

- Industrial automation
- Conveyor systems
- CNC and machine tools
- Assembly and packaging lines
- Detection of end positions and mechanical stops

Package contents

- Limit switch CNTD TZ-8122

Why choose this product?

- Clear table of rated voltages and currents
- High mechanical and electrical durability
- Compact and robust industrial design
- Reliable operation even in demanding environments
- Proven quality of the CNTD TZ-8 series