

Limit switch **LSAR7-100**series



Features & Application

- ◆ Adopt outer shell with intensive plastic and sealed construction, better mechanical strength and water-proof and oil-proof;
- ◆ Side fixed form and swift contact;
- ◆ Variety of levers.
- ◆ Widely used in mechanical equipment, automatic machine and instrument, electro motion tool etc.

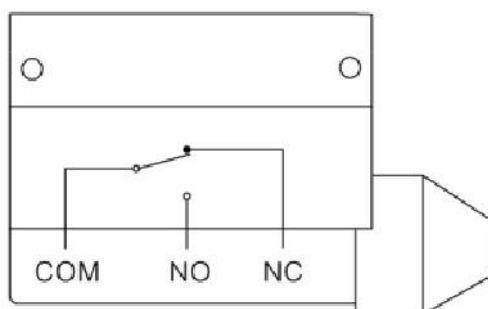
Model specification

LSAR7-100

Specifications

Rating load	10A/250V AC	Vibration	Misoperation: 10...55Hz amplitude 1.5mm
Operation speed	0.1mm-50m/s	Impact	Durable: 1000m/s ²
Operation frequency	Mechanical 120 times/min;		Misoperation: 300m/s ²
	Electrical 30 times/min	Operating life	Electrical 100,000 above;
Contact resistance	≤25mΩ		Mechanical 1000,000 above
Insulation resistance	≥100MΩ (500V DC)	Protection degree	IP65
Withstand voltage	Non-connection wire 1000V AC;	Operating temperature	-10°C...80°C
	Every terminal 1500V AC	Operating humidity	≤85%

Contact form



The technical drawing shows two views of the PT-OP-16 pressure transducer:

- Front View (Left):** Shows the main body with a total width of 54 mm. The mounting flange has a diameter of 14.5 mm. The distance from the top edge to the center of the mounting holes is 23.3 mm. The distance between the centers of the two mounting holes is 25.4 mm. The distance from the right edge of the body to the center of the right hole is 14.3 mm. The maximum height of the body is 16.5 mm. Two Ø4.2 mm holes are located on the front face.
- Side View (Right):** Shows the profile of the transducer. The total height is 17 mm. The top section has a diameter of Ø12 mm, and the bottom section has a diameter of Ø7 mm. The base width is 16 mm, and the overall width at the base is 21.4 mm.

OF max	950g (9.31N)
RF min	200g (1.96N)
PT max	1.8mm
CT min	0.5mm
MD max	0.5mm
OP	30.8±0.6mm

Diagram illustrating the components of a cable terminal assembly, labeled as follows:

- Seal Cap
- Lever
- Roller
- Spring
- Contact
- Crust
- Terminal
- Safety Hood
- Cable Cap