

## The Limit Switch with Better Seal, Shock Resistance, and Strength

- A double seal on the head, a complete gasket cover, and other features ensure a better seal (meets UL NEMA 3, 4, 4X, 6P, 12, 13).
- Wide standard operating temperature range: -40°C to +100°C (standard type).
- Models with fluoro-rubber available for greater resistance to chemicals.
- Block mounting method also reduces downtime for maintenance.
- DPDT, double-break models available for complex operations.
- Approved by UL, CSA, and CCC (Chinese standard). (Ask your OMRON representative for information on approved model.)



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Be sure to read *Safety Precautions* on page 14 to 15 and *Safety Precautions for All Limit Switches*.

## Model Number Structure

**Model Number Legend** (Not all combinations are possible. Ask your OMRON representative for details.)

### D4A-□□□□N (Set model number)

(1) (2) (3)

#### (1) Receptacle box

- 1 : 1/2-14 NPT conduit (SPDT, double-break)
- 2 : 1/2-14 NPT conduit (DPDT, double-break)
- 3 : G 1/2 conduit (SPDT, double-break)
- 4 : G 1/2 conduit (DPDT, double-break)

#### (2) Switch Box

- 1 : SPDT, double-break, without indicator
- 3 : SPDT, double-break, neon lamp
- E : SPDT, double-break, LED (24 VDC, leakage current: 1.3 mA)
- 5 : DPDT, double-break, simultaneous operation, without indicator
- 7 : DPDT, double-break, sequential operation, without indicator \*1
- 9 : DPDT, double-break, center neutral operation, without indicator \*2
- L : DPDT, double-break, simultaneous operation, neon lamp
- P : DPDT, double-break, simultaneous operation, LED

#### (3) Head

- 01 : Roller lever, standard
- 02 : Roller lever, high-sensitivity
- 03 : Roller lever, low torque
- 04 : Roller lever, high-sensitivity, low torque
- 05 : Roller lever, maintained
- 17 : Roller lever, sequential operation
- 18 : Roller lever, center neutral operation
- 06 : Side plunger, standard
- 07-V : Side plunger, vertical roller
- 07-H : Side plunger, horizontal roller
- 08 : Side plunger, adjustable
- 09 : Top plunger, standard
- 10 : Top plunger, roller
- 11 : Top plunger, adjustable
- 12 : Flexible rod, spring wire
- 14 : Flexible rod, plastic rod
- 15 : Flexible rod, cat whisker
- 16 : Flexible rod, coil spring

\*1. Use the D4A-0017N Special Head.

\*2. Use the D4A-0018N Special Head.

Note: Fluoro-rubber sealed type is also available.