

# LN02A series

## SENSOR SWITCH



### Order example

LN02A — P — □

MODEL



LN02A



LN03A

Blank: Lead wire  
QD: Connector

SWITCH TYPE  
Blank: Reed switch  
N: NPN  
P: PNP

### Specification

Model	LN0*A	LN0*A-N	LN0*A-P
Wiring method	2 wire	3 wire	
Switching logic	Normally open	Solid state output, normally open	
Switch Type	Reed switch	NPN current sinking	PNP current sourcing
Operating voltage	5~240V DC/AC	10~30V DC	
Switching current	100mA max.	200mA max.	
Switching rating(*1)	10W max.	6W max.	
Current consumption	—	OFF:7mA(24V) ON:20mA(24V) max.	
Voltage drop	3V max.	0.5V@200mA max.	
Indicator	Red LED		Green LED
Cable	ø3.3, 2C, PVC	ø3.3, 3C, PVC	
Temperature range	-10~+70°C (No freezing)		
Enclosure classification	IEC 60529 IP67		
Protection circuit (*2)	1	3, 4	
Symbol			

\*1. Warning: Never exceed rating (watt=voltage×amperage).

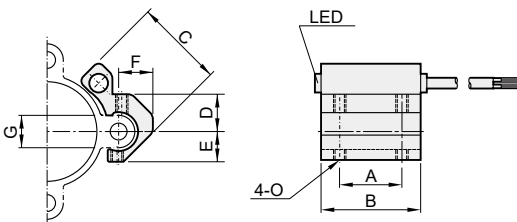
\*2. 1=None / 2=Short-circuit / 3=Power source reverse polarity / 4=Surge suppression.

\*3. Caution for safety

### Assembling style

Model	LN02A	LN03A		
Cylinder		MHBS / MHBD		MRT*-80
Intensified pressure ratio	078	110	250	—
Mounting clamp				

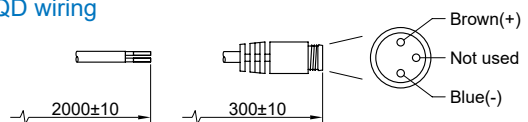
### Dimension



Model	A	B	C	D	E	F	G	O
LN02A	20	32	37.5	15	13.5	12	13.5	M4
LN03A	20	32	56	18	15	14	17	M4

### Wiring of the QD

#### • 2 wire QD wiring



#### • 3 wire QD wiring

