

# Stroke Limiter For Safety Valve

## Product Image



## Model No

# QM1-2-400

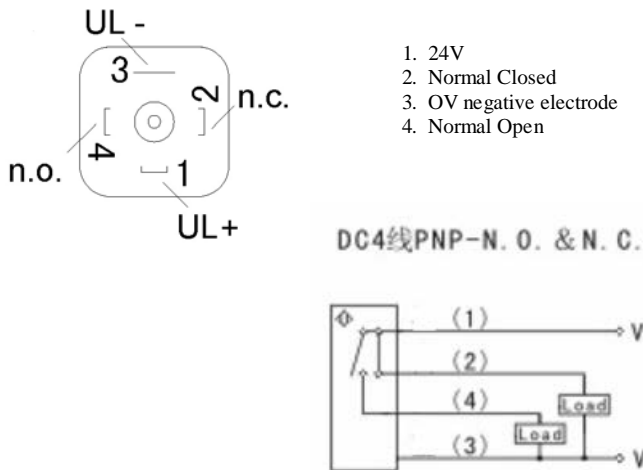
## Features

- Detected metal objects, flush mounted
- PNP Normally open + normally closed output function.
- Surge, overload, short circuit, polarity protection.
- Protection Grade IP67.
- Metal shell galvanized, installed thread M20×1.
- Output socket connector.
- Applied in safety spool displacement sensors.

## Specification

Installation Method	Flush mounting
Sensing Distance (mm)	3mm(12.5-15.5)
Sensor Piece Size	φ3
Installation Dimensions	M20×1
Model No (Ordering Code)	
PNP Normal Close	Open+Normal
	QM1-2-400

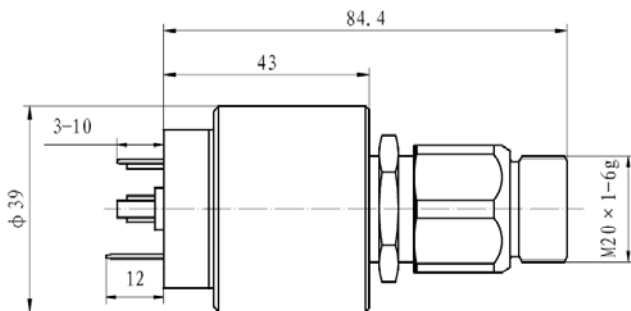
## Wiring Method



## Technical Data

Dimensions (mm)	φ39×86
Nominal Voltage (V)	24VDC <sup>+20%</sup> <sub>-10%</sub>
Peak Voltage (V <sub>pp</sub> )	<10%
Output Current (mA)	400mA
No-load Current (mA)	<10mA
Voltage Drop (V)	<1.5V
Leakage Current (mA)	<0.1mA
Sensor Frequency (Hz)	500Hz
Response Time (mS)	0.2mS
Switching Hysteresis	<15% (Sr)
Repetition Precision	<1.0% (Sr)
Temperature Drift	<10% (Sr)
Temperature Range (°C)	-20°C — +80°C

## Dimension (Unit: mm)



Protection Grade	IP67
Polarity Protection (S)	Yes
Short Circuit Protection (P)	Yes
Transient Protection (T)	Yes
High Voltage Resistant	1000VAC 50/60Hz60s
Insulation Resistance	50MΩ (500VDC)
Vibration Resistance	Complex Amplitude 1.5mm. 10-50Hz
Shell Material	DT4+PA66
Output Indicator Light (LED)	
Wiring Method	4 Jaw Socket Connection
Static Oil Pressure	25MPa
Switching Frequency	>10 Times/s