

Spring Plunger with Sensors

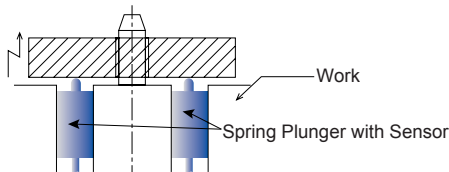
Features

- Spring plunger with built-in actuating signal output sensor.
- Simplicity of designing and quite useful for reduced part costs.
- Assisting reduced equipment size.
- Contact type and Contact-less type are available.

Application

- Knock out of work and confirmation signal.

Example



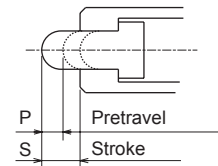
Common Mechanical Specifications

unit : mm

Product No.	Contact type		Contact-less type(NPN/PNP)	
	SP060A	SP080A	SPNNE060A/SPNE060A	SPNNE080A/SPNE080A
Mode	A : NO(normally open)			
Protective structure	IP 40		IP 47(water-resistant)	
Stroke	3			
Pretravel	2.2			
Movement differential	0		0.04	
Working temperature range	0~80 °C(with the exception of freeze)			
Temperature drift	0		0.03/0 ~40 °C (MAX)	
Contact force	6N(M I N) / 11 N(MAX)			
Contact life	10 million times			
Contact material	Hardened steel SK:HRc 55			
Cable	3m Oil-resistant 2-core φ3		2m Oil-resistant 3-core φ4	



Orders for heat-resistant (ambient temperature: 200 °C) and sensors provided with vacuum, non-magnetic and other special specifications are also accepted. Please consult your dealer(not available for contact-less type).

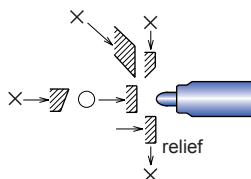


Electrical Specifications • Circuit Diagrams P5

Precaution for use

How to apply detecting objects

Apply straight. Otherwise, breakage may occur(±3°)



The end surface is not hardened. Do not use the end surface as a stopper. Be aware of assemble screw part straightly. Otherwise, defecting signal may occur.