

# CS - 120N(P) series - Sensor switch

CHELIC PNEUMATIC



◉ Suitable for cylinder

Model	Cylinder	Bore size
CS-120N(P)	SBA, SBB, SBD	Ø10 , Ø16
	SBR	Ø6 , Ø10 , Ø16
	SDA	Ø12~Ø40

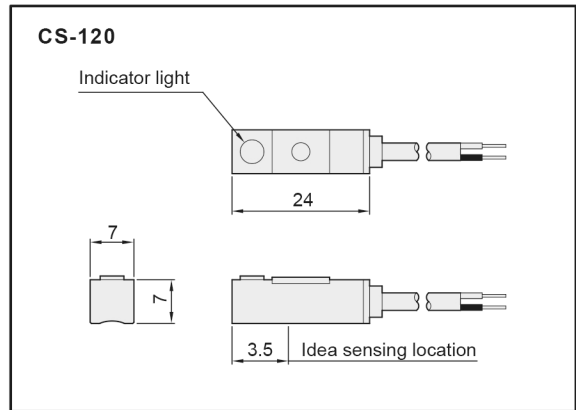
◉ Solid state sensor switch

◉ Specification

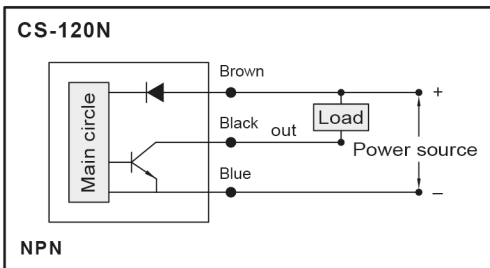
Item	Model	CS-120N	CS-120P
Wiring system		Three wires	
Switching voltage	V	DC : 5 ~ 30V	
Switching current	mA	200mA MAX.	
Contact capacity		< 1ms (1000 Hz)	
Contact		Normal open	
Contact		NPN. Current sinking	PNP. Current sourcing
Voltage drop		0.5V MAX.	
Voltage consumption		ON : 20 mA (24V) MAX.	
Color of indicator light		Red	Green
Operating temp	°C	-10° ~ 70°	
Protection grade		IP-67	
Cable		Ø2.8 , 3 Single wire × 2M	
Weight	g	28±2	
Contact protective circuit		Yes	

◉ Dimension

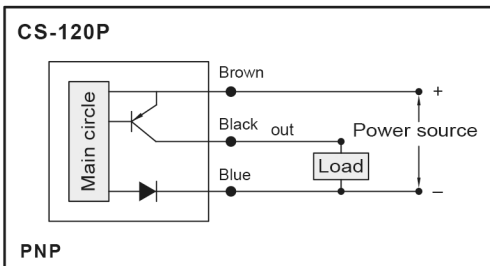
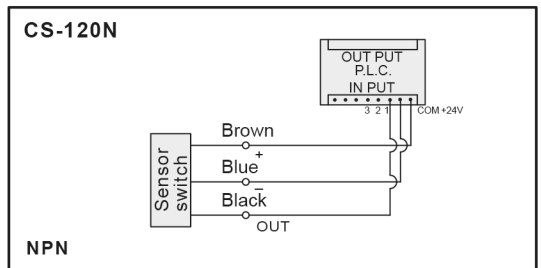
Unit : mm



◉ Sensor switch circuit and Connection diagram



● Wire connection diagram of programmable controller (NPN)



● Wire connection diagram of programmable controller (PNP)

