

# CS - 9DN(P) series - Sensor switch

CHELIC PNEUMATIC

## ◯ Suitable for cylinder



Model	Cylinder	Bore size	Cylinder	Bore size	Cylinder	Bore size	Cylinder	Bore size
CS-9DN(P)	JD	Ø6 ~ Ø63	MRX	Ø10~Ø25	TB(U)	Ø10~Ø63	HBR	Ø20~Ø80
	JTD	Ø20~Ø63	MRU	Ø10~Ø40	TSB(U)	Ø10~Ø63	HFR	Ø20~Ø63
	JCB	Ø20~Ø63	MRH	Ø15~Ø32	TXB(U)	Ø10~Ø63	HDZ	Ø16~Ø40
	STB	Ø32~Ø50	MSR(L)	Ø10~Ø16	RTB	3 ~ 500	HDF	Ø12~Ø20
	STC	Ø32~Ø50	FMR(L)	Ø10~Ø32	RTBM	10 ~ 100	HDL	Ø20~Ø32
	STD	Ø32~Ø50	MQX	Ø 6 ~ Ø20	RTZB	10 ~ 50	HDT	Ø10~Ø40
	STF	Ø32~Ø50	TD	Ø10~Ø40	SCR(L)	Ø12~Ø63	HDR	Ø25~Ø63
	MRB	Ø10~Ø40	STU(M)	Ø10~Ø32	HER	Ø20~Ø40	HDW	Ø20~Ø100

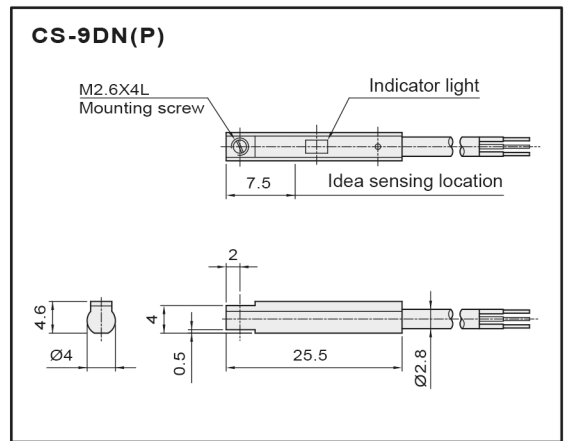
## ◯ Solid state sensor switch

## ◯ Specification

Item	Model	CS-9DN	CS-9DP
Wiring system		Three wires	
Switching voltage V		DC : 5 ~ 30V	
Switching current mA		200mA MAX.	
Contact capacity		< 1ms (1000Hz)	
Contact		Normal open	
Contact		NPN. Current sinking	PNP. Current sourcing
Voltage drop		1 V MAX.	
Voltage consumption		OFF : 7mA (24V) ON : 8mA (24V) MAX.	
Color of indicator light		Red	Green
Operating temp °C		-10°~70°	
Protection grade		IP-67	
Cable		Ø 3.3 , 3 Single wire x 2M	
Weight g		22 ± 2	
Contact protective circuit		Yes	

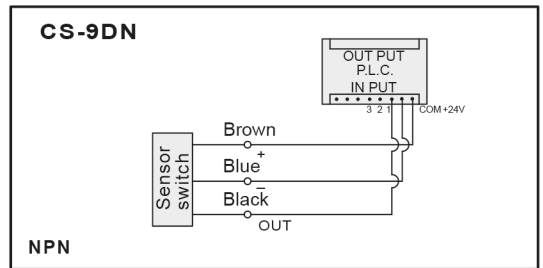
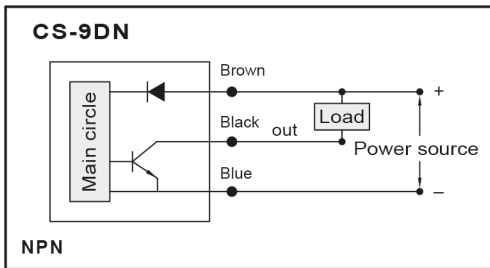
## ◯ Dimension

Unit : mm



## ◯ Sensor switch circuit and Connection diagram

### ● Wire connection diagram of programmable controller (NPN)



### ● Wire connection diagram of programmable controller (PNP)

