

**Features:**

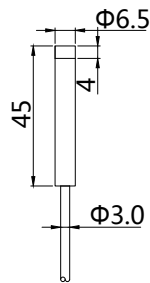
- Φ6.5 mm , Stainless steel housing;
- 2mm , non-flush mountable;
- DC 3-wire , switching output;
- Cable



**RoHS**

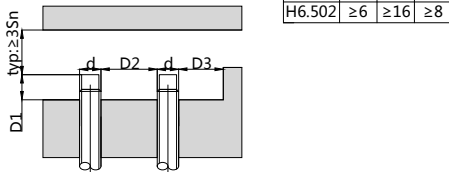
**CE**

**Dimensioned drawing**



**Mounting**

( non-flush mounting )



Sn	D1	D2	D3
H6.502	≥6	≥16	≥8

Correction Factor	
Nav-ferrous metal	Factor
Water	1
Alcohol	0.7
Ceramic	0.6
Glass	0.5
Oil	0.3

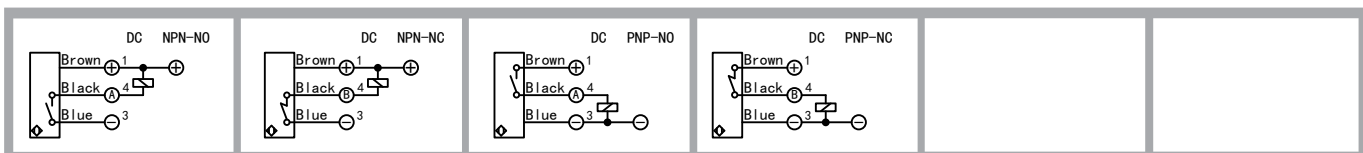
**Model No.**

Sensing range	Sn:2 mm
NPN N. O	SCN-H6.5-02N-V11-PV2
NPN N. C	SCN-H6.5-02N-V21-PV2
PNP N. O	SCN-H6.5-02P-V11-PV2
PNP N. C	SCN-H6.5-02P-V21-PV2

**Technical data**

<b>Electrical data</b>	Operating voltage	10-30V DC
	Switching frequency	100Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	100mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<5.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
	Overload protection	Yes
	Polarity reversal protection	Yes
<b>Environment</b>	Ambient temperature	-25...70°C
	Ingress protection	IP67
<b>Mechanical data</b>	Housing material	Stainless steel
	Face material	POM
<b>Electrical connection</b>	Connectors	PVC cable/2m ; 3*0.18mm <sup>2</sup>

**Wiring**



General Information

Inductive Sensors

Capacitive Sensors

Photoelectric Sensors

Ultrasonic Sensors

Solid state relay series

Connectors

Accessories

Index Of Types