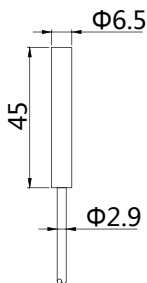


Features:

- Φ6.5 mm , Stainless steel housing;
- 1mm , flush mountable;
- DC 3-wire , switching output;
- Cable



Dimensioned drawing

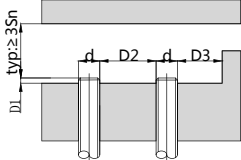


Model No.

Sensing range	Sn: 1 mm
NPN N. O	CB-H6. 501N-V11P2
NPN N. C	CB-H6. 501N-V21P2
PNP N. O	CB-H6. 501P-V11P2
PNP N. C	CB-H6. 501P-V21P2

Mounting

(flush mounting)



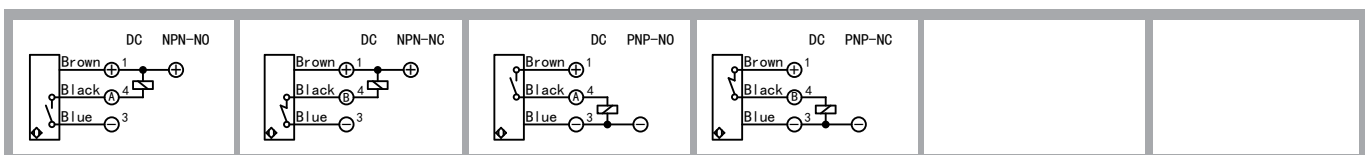
Sn	D1	D2	D3
H6.501	≥0	≥8	≥8

Correction Factor	
Nav-ferrous metal	Factor
Fe360	1
Aluminum	0.35~0.45
Brass	0.35~0.5
Copper	0.25~0.45
Stainless steel	0.6~0.1
Cast Iron	0.93~1.05
Nickel	0.65~0.75

Technical data

Electrical data	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
Environment	Ambient temperature	-25...70°C
	Ingress protection	IP67
Mechanical data	Housing material	Stainless steel
	Face material	POM
Electrical connection	Connectors	PVC cable/2m ; 3*0.18mm ²
Accessories	Accessories	NO
		(to be ordered separately)

Wiring

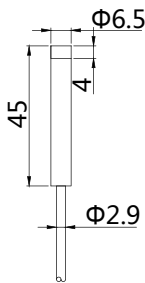


Features:

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



Dimensioned drawing

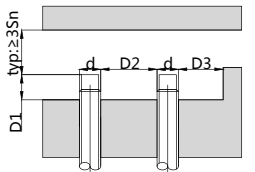


Model No.

Sensing range	Sn: 2 mm
NPN N. O	CN-H6. 502N-V11P2
NPN N. C	CN-H6. 502N-V21P2
PNP N. O	CN-H6. 502P-V11P2
PNP N. C	CN-H6. 502P-V21P2

Mounting

(non-flush mounting)



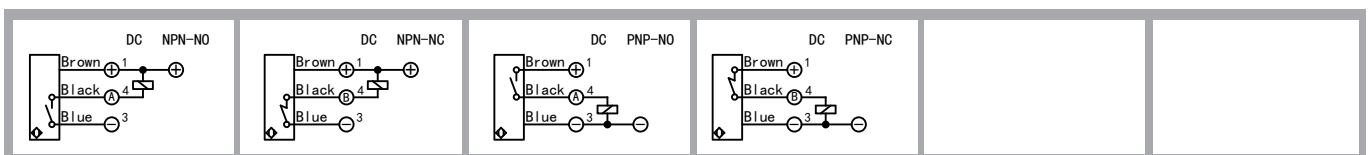
Sn	D1	D2	D3
H6.502	≥6	≥16	≥8

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

Technical data

Electrical data	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	
Environment	Ambient temperature	-25...70°C
	Ingress protection	IP67
Mechanical data	Housing material	Stainless steel
	Face material	POM
Electrical connection	Connectors	PVC cable/2m ; 3*0.18mm ²
Accessories	Accessories	NO
		(to be ordered separately)

Wiring

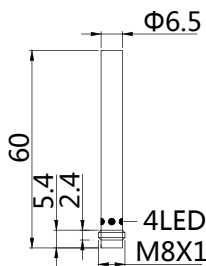


Features:

- Φ6.5 mm , Stainless steel housing;
- 1mm , flush mountable;
- DC 3-wire , switching output;
- Connector versions



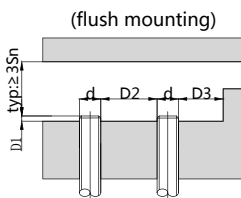
Dimensioned drawing



Model No.

Sensing range	Sn: 1 mm
NPN N. O	CB-H6. 501N-V11S8
NPN N. C	CB-H6. 501N-V21S8
PNP N. O	CB-H6. 501P-V11S8
PNP N. C	CB-H6. 501P-V21S8

Mounting



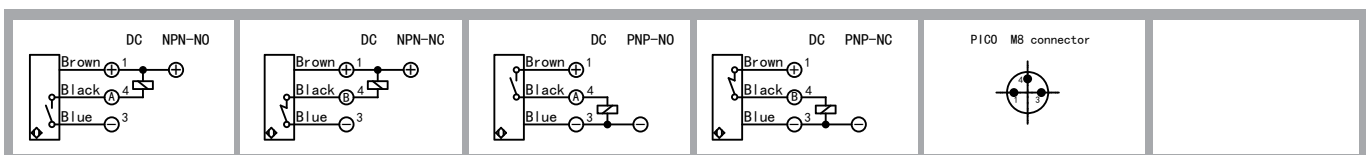
Sn	D1	D2	D3
H6.501	≥0	≥8	≥8

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

Technical data

Electrical data	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	
Environment	Ambient temperature	-25...70°C
	Ingress protection	IP67
Mechanical data	Housing material	Stainless steel
	Face material	POM
Electrical connection	Connectors	M8 connector
Accessories	Accessories	B8-3GV2/B8-3WV2
		(to be ordered separately)

Wiring

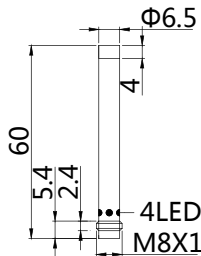


Features:

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



Dimensioned drawing

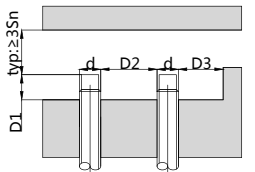


Model No.

Sensing range	Sn: 2 mm
NPN N. O	CN-H6. 502N-V11S8
NPN N. C	CN-H6. 502N-V21S8
PNP N. O	CN-H6. 502P-V11S8
PNP N. C	CN-H6. 502P-V21S8

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
Oi	0.3

Technical data

Electrical data	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	
Environment	Ambient temperature	-25...70°C
	Ingress protection	IP67
Mechanical data	Housing material	Stainless steel
	Face material	POM
Electrical connection	Connectors	M8 connector
Accessories	Accessories	B8-3GV2/B8-3WV2
		(to be ordered separately)

Wiring

