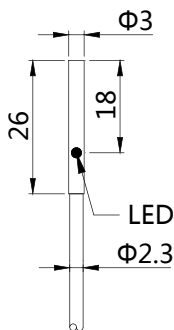


#### Features:

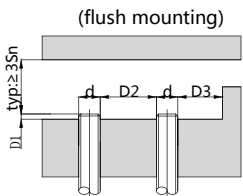
- Φ3 mm , Stainless steel housing;
- 0.6mm , flush mountable;
- DC 3-wire , switching output;
- Cable



#### Dimensioned drawing



#### Mounting



Sn	D1	D2	D3
H30.6	≥0	≥3	≥3

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	0.6~1.0
Cast Iron	0.93~1.05
Nickel	0.65~0.75

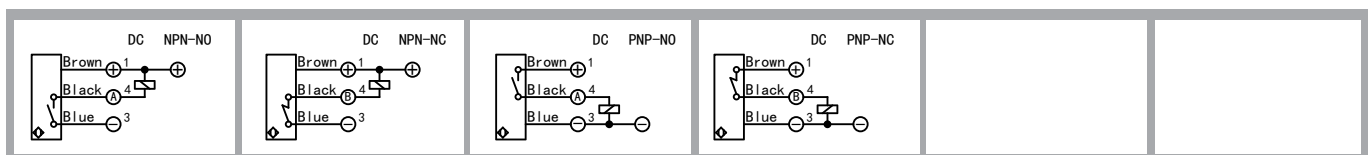
#### Model No.

Sensing range	Sn:0.6 mm
NPN N. O	BB-H30. 6N-V11P2
NPN N. C	BB-H30. 6N-V21P2
PNP N. O	BB-H30. 6P-V11P2
PNP N. C	BB-H30. 6P-V21P2

#### Technical data

<b>Electrical data</b>	Operating voltage	10-30V DC
	Switching frequency	2000Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	100mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<1.0%(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*0.15mm <sup>2</sup>
<b>Accessories</b>	Accessories	NO
		(to be ordered separately)

#### Wiring



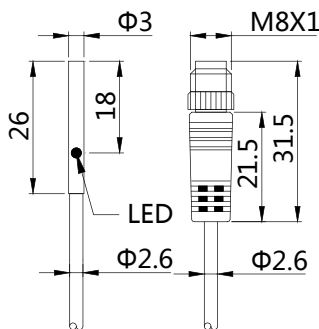


**Features:**

- Φ3 mm , Stainless steel housing;
- 0.6mm , flush mountable;
- DC 3-wire , switching output;
- Cable & pigtail versions



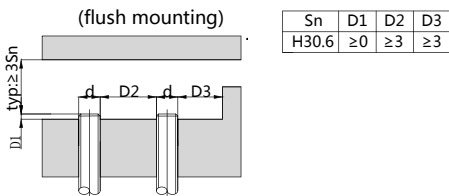
**Dimensioned drawing**



**Model No.**

Sensing range	Sn:0.6 mm
NPN N. O	BB-H30. 6N-V11Z8
NPN N. C	BB-H30. 6N-V21Z8
PNP N. O	BB-H30. 6P-V11Z8
PNP N. C	BB-H30. 6P-V21Z8

**Mounting**



Sn	D1	D2	D3
H30.6	≥0	≥3	≥3

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	0.6~1.0
Cast Iron	0.93~1.05
Nickel	0.65~0.75

**Technical data**

<b>Electrical data</b>	Operating voltage	10-30V DC
	Switching frequency	2000Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	100mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<1.0%(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/0.3m ; 3*0.15mm <sup>2</sup> With M8 connector
	<b>Accessories</b>	Accessories

**Wiring**

