

**Pepperl+Fuchs Varikont NBB20-L2-A2-V1 | NBB 20-L2-A2-V1 |
NBB20-L2A2V1 | NBB20L2A2V1 | NBB 20L2A2V1 |**

20mm;PNP-NO/NC;flush; 4wire DC; M12; Dubai stock

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description

Pepperl+Fuchs Varikont NBB20-L2-A2-V1 | NBB
20-L2-A2-V1 | NBB20-L2A2V1 | NBB20L2A2V1 | NBB
20L2A2V1 |

[Inductive sensor NBB20-L2-A2-V1](#)

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Sensor head bidirectional and rotatable

20 mm flush

4-wire DC

Quick mounting bracket

4-way LED indicator

Technical data of NBB20-L2-A2-V1

General specifications

Switching element function = PNP NO/NC

Rated operating distance = 20 mm

Installation = flush

Output polarity = DC

Assured operating distance = 0 ... 16.2 mm

Actual operating distance = 18 ... 22 mm

Reduction factor r_{Al} = 0.33

Reduction factor r_{Cu} = 0.31

Reduction factor r_{304} = 0.74

Reduction factor r_{Brass} = 0.41

Nominal ratings

Operating voltage = 10 ... 30 V DC

Switching frequency = 0 ... 440 Hz

Hysteresis = typ. 5 %

Reverse polarity protection = reverse polarity protected

Short-circuit protection = pulsing

Voltage drop = ? 2 V

Operating current = 0 ... 200 mA

Off-state current = 0 ... 0.5 mA

No-load supply current = ? 20 mA

Operating voltage indicator = LED, green

Switching state indicator = LED, yellow

Functional safety related parameters

MTTFd = 1230 a

Mission Time (TM) = 20 a

Diagnostic Coverage (DC) = 0 %

Approvals and certificates

EAC conformity = TR CU 020/2011

Protection class = II

Rated insulation voltage = 253 V

Rated impulse withstand voltage = 4000 V

UL approval = cULus Listed, General Purpose

CSA approval = cCSAus Listed, General Purpose

CCC approval = CCC approval / marking not required for products rated ?36 V

Ambient conditions

Ambient temperature = -25 ... 85 °C (-13 ... 185 °F)

Storage temperature = -40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Connection type = Connector M12 x 1 , 4-pin

Housing material = PA

Sensing face = PA

Housing diameter =

Degree of protection = IP69K

Mass = 130 g

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