



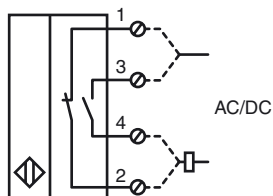
Model Number

NCB15+U1+U

Features

- Comfort series
- 15 mm embeddable

Connection



Accessories

V1-M20-80

Receptacles, M12/M20; plastic version

V1-W

Field attachable female cordset

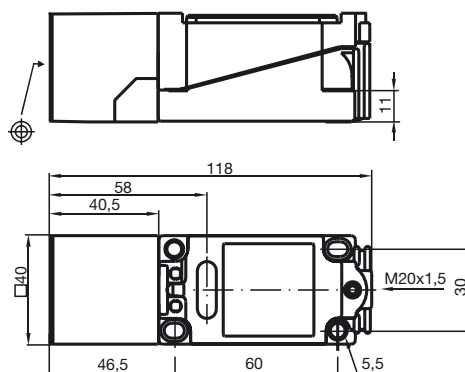
V1-G-2M-PUR

Cable socket, M12, 4-pin, PUR cable

V1-W-2M-PUR

Cable socket, M12, 4-pin, PUR cable

Dimensions



Technical Data

General specifications

Switching element function	AC/DC	NO/NC
Rated operating distance	s_n	15 mm
Installation		embeddable
Output polarity		AC/DC
Assured operating distance	s_a	0 ... 12.15 mm
Reduction factor r_{Al}		0.28
Reduction factor r_{Cu}		0.25
Reduction factor r_{V2A}		0.75

Nominal ratings

Operating voltage	U_B	20 ... 253 V
Operating voltage DC		20 ... 300 V
Switching frequency	f	0 ... 25 Hz
Hysteresis	H	typ. 3 %
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 4 V
Momentary current (20 ms, 0.1 Hz)		0 ... 3000 mA
Operating current	I_L	5 ... 500 mA
Off-state current	I_r	0 ... 2.5 mA typ. 1.5 mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
---------------------	--------------------------------

Mechanical specifications

Connection type	terminal compartment
Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)