



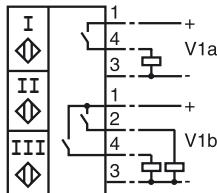
Model Number

NBN3-FXA-3E2-2V1

Features

- Weld Immune
- Completely halogen and silicon free

Connection



Accessories

V1-G-OR2M-POC

Female cordset, M12, 4-pin, TPE cable, welding-bead resistant

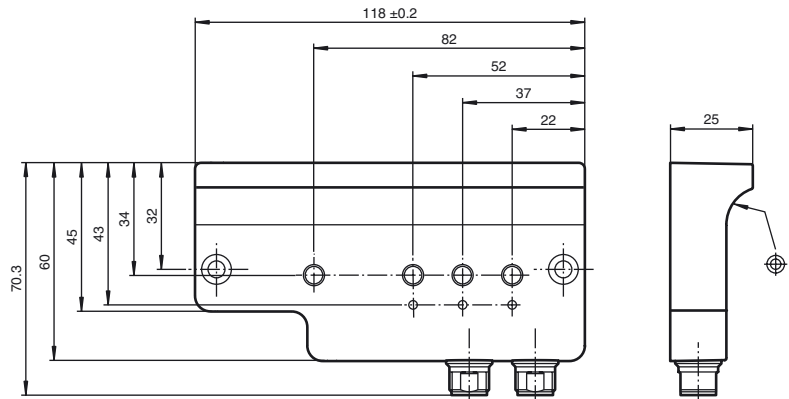
V1-G-2M-PUR H/S

Female cordset, M12, 4-pin, irradiated PUR cable

V1-W-2M-PUR H/S

Female cordset, M12, 4-pin, irradiated PUR cable

Dimensions



Technical Data

General specifications

Switching element function	PNP	NO
Rated operating distance	s_n	3 mm
Installation	not embeddable	
Output polarity	switched high	
Assured operating distance	s_a	1 ... 3 mm
Reduction factor r_{Al}	0.4	
Reduction factor r_{Cu}	0.3	
Reduction factor r_{303}	0.7	

Nominal ratings

Operating voltage	U_B	12 ... 30 V DC
Switching frequency	f	0 ... 100 Hz
Hysteresis	H	0.4 ... 0.6 mm
Reverse polarity protected	reverse polarity protected	
Short-circuit protection	pulsing	
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 mA
No-load supply current	I_0	≤ 35 mA
Operating voltage display	LED green	
Indication of the switching state	1 LED gelb je Schaltpunkt	

Ambient conditions

Ambient temperature	0 ... 50 °C (32 ... 122 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Connection type	Device connector M12 x 1, 4-pin,
Housing material	PA 6
Protection degree	IP65
Mass	160 g

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	Products with a maximum operating voltage of ≤ 36 V do not bear a CCC marking because they do not require approval.