



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSPVK
Safety module application	For dynamic monitoring of double-bodied solenoid valves
Function of module	Dynamic monitoring of double-bodied solenoid valves
Safety level	Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	MTTFd = 90.2 years conforming to EN/ISO 13849-1 DC = 0...99 % conforming to EN/ISO 13849-1 PFHd = 1.25E-8 1/h conforming to EN/IEC 62061
[Us] rated supply voltage	24 V DC - 10...10 %
Output type	Relay, 1 NO transfer function + 1 NC feedback loop circuit(s), volt-free
Number of additional circuits	4 solid state outputs
Enclosure type	Removable

Complementary

Maximum power consumption in W	9 W
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	10 MA at 48 V for solid state output circuit 20 MA at 24 V for solid state output circuit 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
[Ith] conventional free air thermal current	2.5 A
Associated fuse rating	4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Maximum response time on input open	40 ms
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to IEC 60647-5-1, DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to IEC 60647-5-1, DIN VDE 0110 part 1
Local signalling	8 LEDs
Enclosure material	Polycarbonate
Number of terminal blocks	32
Connections - terminals	Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm ² with cable end Captive screw clamp terminals, 2 x 2.5 mm ² without cable end
Mounting support	35 mm symmetrical DIN rail
Depth	118 mm
Height	73 mm
Width	152 mm
Net weight	0.7 kg

Environment

Standards	EN/IEC 60947-5-1 EN 692 EN 60204-1
Product certifications	UL TÜV CSA
IP degree of protection	IP10 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	790 g
Package 1 Height	9 cm
Package 1 width	14.2 cm
Package 1 Length	22.5 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

Contractual warranty

Warranty	18 months
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