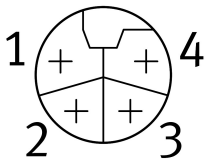
System supply
CPX-AP-A-S-2-M12-4P

Part number: 8195677





Data sheet

Feature	Value
Dimensions (W x L x H)	50.1 mm x 150 mm x 45.6 mm
Grid dimension	50.1 mm
Type of mounting	On DIN rail via accessories With through-hole for M5 screw with accessories With through-hole for M6 screw with accessories
Product weight	177 g
Mounting position	Any, on H-rail: horizontal
Ambient temperature	-20 °C...50 °C
Note on ambient temperature	Observe ambient temperature derating according to IEC 61131-2:2017
Storage temperature	-20 °C...70 °C
Relative air humidity	5 - 95% Non-condensing
Nominal altitude of use	<= 2000 m ASL (> 79.5 kPa)
Max. installation height	3500 m
Note on max. installation height	> 2000 m ASL (< 79.5 kPa) Observe ambient temperature derating according to IEC 61131-2:2017
Corrosion resistance class CRC	1 - Low corrosion stress
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Note on vibration resistance	SG1 on DIN rail SG2 on direct mounting Transport application test with severity class 1 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Note on shock resistance	30 g/11 ms to EN 60068-2-27 SG1 on DIN rail SG2 on direct mounting Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27
Protection class	III
Overvoltage category	II
LABS (PWIS) conformity	VDMA24364-B2-L
Fire test material	UL94 V-0 (housing)
Note on materials	RoHS compliant

Feature	Value
	Free of halogen Free of phosphoric acid ester
Material housing	Reinforced PA
Material flange	Nickel-plated die-cast zinc
Material screws	Nickel-plated steel
Material seals	Polyurethane foam
Material o-ring	Fluoro rubber
Power supply, function	Incoming electronics/sensors and load
Power supply, connection type	Plug
power supply, connection system	M12x1, L-coded to EN 61076-2-111
Power supply, number of pins/wires	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	Socket
Power transmission, connection technology	M12x1, L-coded to EN 61076-2-111
Power transmission, number of pins/wires	4
Note regarding operating voltage	SELV/PELV fixed power supplies required Note the voltage drop
Note on nominal operating voltage DC	2x24 V [XD1,PS,PL] Protected Extra-Low-Voltage to IEC 60204-1
Nominal operating voltage DC of load	24 V
Nominal DC operating voltage, electronics/sensors	24 V
Power supply, conductor diameter	2.5 mm²
Nominal current	16 A
Max. power supply	2 x 16 A (external fuse required)
Potential separation between the supply voltages electronics/sensor technology and load/valves	Yes