

PNOZ ma1p 2 Analog Input

773812



PNOZmulti Classic, expansion module, failsafe, 2 analogue inputs, - 10.24 - 10.23 V, dual-pole, differential input, resolution 13 Bit, 0 - 25.59 mA, dual-pole, differential input, resolution 12 Bit, range monitoring, threshold value monitoring.

Technical details

General data

Approval: CE, UKCA, cULus Listed, TÜV, EAC (Eurasian)

Technical data

Electrical data

Purpose of U1: Module supply

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 2 W

Analog inputs

Number of analogue inputs: 2

Type of analogue inputs: Current, Voltage

Type of input filter: RC filter, 1st order

Res. anal. i/p I-measurement: 12 Bit

Resol. anal. i/p U-measurement: 13 Bit (12 Bit signed)

Value least signif. bit U-Me: 5 mV

Potential isol. Analogue input: No

Environmental data

Ambient temperature standard: EN 60068-2-14

Ambient temperature: 0 - 60 °C

Storage temperature standard: EN 60068-2-1/-2

Climatic suitability standard:	EN 60068-2-30, EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Not permitted
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61131-2
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Mechanical data	
Mounting position:	horizontal on top hat rail
DIN-rail dimensions:	35 x 7.5 EN 50022
Housing material lower section:	PPO UL 94 V0
Housing material front plate:	ABS UL 94 V0
Connection terminal:	Screw terminal, Spring-loaded terminal
Flex. cond. c/s AWG info:	24 - 16 AWG
Height dimension:	94 mm
Width dimension:	45 mm
Depth dimension:	121 mm
Net weight:	184 g
Gross weight:	211 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331

EAN-Code:	4046548050639
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242201
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001420
Volume:	0.695 dm3

Obligatory accessories



783700

PNOZ mc1p Set spring loaded terminals



793700

PNOZ mc1p Set plug in screw terminals

Optional accessories



774639

KOP-XE



779110

PNOZmulti Bus-Terminator