

PNOZ ms2p TTL coated version

773811



PNOZmulti Classic, expansion module, failsafe, motion monitoring of 2 axes, 2 incremental encoders, differential input, Sin/Cos, TTL(RS422), RJ45 female connector, 8-pin, adapter cable as an accessory, 4 proximity switches, type pnp., for increased environmental conditions.

Technical details

General data

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

Technical data

Electrical data

Purpose of UINT1: Module supply

Source of internal voltage: Via base unit

Voltage type of UINT1: DC

Tolerance of UINT. Module: -2 %/+2 %

Input proximity switch

Prog. mon.fun. wo hyst prox sw: 0.1 Hz - 3 kHz

Prog. mon.fun. w hyst prox sw.: 0.2 Hz - 3 kHz

Input incremental encoder

Connection (increment encoder): 8-pin RJ-45 female connector

Phase pos. diff.sign. inc. enc.: $90^\circ \pm 30^\circ$

Prog. mon. fun. wo hyst. incr.: 0.1 Hz - 500 kHz

Prog. mon. fun. w hyst. incr.: 0.2 Hz - 500 kHz

Environmental data

Ambient temperature standard: EN 60068-2-14

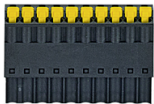
Ambient temperature: -25 - 60 °C

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?:	Briefly
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61131-2
Vibration to standard ...:	EN 60068-2-6
Broad band noise to:	EN 60068-2-64
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
Times	
Reaction time at F < 100 Hz:	10 ms + 1/f
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:	220 g
Gross weight:	290 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes

RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1, 1317-36-8
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548063349
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242205
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001422
Volume:	0.671 dm3

Obligatory accessories



783800

PNOZms1p Set spring loaded terminals



793800

PNOZms1p/ms2p Set plug in screw terms

Optional accessories



773880

PNOZ msi b1 Box 15p



773882

PNOZ msi b1 Box 9p



773860

PNOZ msi6p Adapter Elau 9/9 2,5m



773881

PNOZ msi b0 cable 15/RJ45



773859

PNOZ msi6p Adapter Elau 9/9 7,5m



773858

PNOZ msi5p Adapter Bo/Rex 15/15 1,5m



773839

PNOZ msi1 Bp Adapter Si/Ha 25/25 5m



773872

PNOZ msi S025



773875

PNOZ msi17p Bos/Rex 15/15 5,0m



773874

PNOZ msi15p Adapter Tendo 15/15 2,5m



773855

PNOZ msi11p Adapter Cable 1,5m



773854

PNOZ msi10p Adapter Cable 2,5m



773879

PNOZ MSI20P PARKER HD 15/15 2,5M



773857

PNOZ msi5p Adapter Bo/Rex 15/15 2,5m



773878

PNOZ msi14p Leroy 15/15 2,5m



773856

PNOZ msi 9p adapter cable 5m



773871

PNOZ msi S15



773870

PNOZ msi S09



779110

PNOZmulti Bus-Terminator



773869

PNOZ msi13p Fanuc 20/20 2,5m



773847

PNOZ MSI19P ADAPTER ELAU PACDrive3 2,5m



774639

KOP-XE



773884

PNOZ msi b0 cable 25/RJ45



773862

PNOZ msi8p Adapter Lenze 9/9 2,5m



773840

PNOZ msi1Ap Adapter Si/Ha 25/25 2,5m












773883

PNOZ msi b1 Box 25p



773861

PNOZ msi6p Adapter Elau 9/9 1,5m

	773864	PNOZ msi7p Adapter SEW 15/15 2,5m
	773842	PNOZ msi3Ap Adapter Si/Ha 15/15 2,5m
	773863	PNOZ msi8p Adapter Lenze 9/9 1,5m
	773841	PNOZ msi1Bp Adapter Si/Ha 25/25 2,5m
	773844	PNOZ msi1AP Adapter Si/Ha 25/25 5m
	773865	PNOZ msi7p Adapter SEW 15/15 1,5m
	773843	PNOZ msi3Bp Adapter Si/Ha 15/15 2,5m
	773868	PNOZ msi12p Rockwell 15/15 2,5m
	773846	PNOZ MSI19P ADAPTER ELAU PACDrive3 1,5m



773867

PNOZ msi16p ADAPTER Baumuell 15/15 2,5m



773845

PNOZ msi b4 Box