

PNOZ ms2p TTL

773816



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.

Technical details

General data

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

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: 0 - 60 °C

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

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|---------------------------------|--|
| 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 |
| 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 | |
| REACH compliance: | contains min. 1 SVHC-substance |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |

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|---------------------------|---------------|
| Harmonized System Code: | 85389091 |
| UNSPSC 25: | 39122331 |
| EAN-Code: | 4046548065299 |
| 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



773860

PNOZ msi6p Adapter Elau 9/9 2,5m



773882

PNOZ msi b1 Box 9p



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

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|---|--------|---|
|  | 773857 | PNOZ msi5p Adapter Bo/Rex 15/15 2,5m |
|  | 773879 | PNOZ MSI20P PARKER HD 15/15 2,5M |
|  | 773856 | PNOZ msi 9p adapter cable 5m |
|  | 773878 | PNOZ msi14p Leroy 15/15 2,5m |
|  | 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



773862

PNOZ msi8p Adapter Lenze 9/9 2,5m



773840

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



773884

PNOZ msi b0 cable 25/RJ45



773861

PNOZ msi6p Adapter Elau 9/9 1,5m



773883

PNOZ msi b1 Box 25p



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