## PDP67 F 8DI ION HP VA 773615



Decentralised input module for PNOZmulti, protection type IP67,connection via connection module, 8 safe digital inputs, 8 outputs configurable as standard, test pulse or 24 V, additional supply voltage, stainless steel connectors.

## Technical details

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| **General data** | |
| Approval: | CE, UKCA, cULus Listed, KOSHA, TÜV |
| Application range: | Standard/failsafe |
| **Technical data** | |
| **Electrical data** | |
| Purpose of U1: | supply |
| Supply voltage (V): | 24 - 24 V |
| Type of supply voltage U1: | DC |
| Power consumption DC: | 1.2 W |
| Purpose of U2: | Load supply |
| Supply voltage 2 (V): | 24 - 24 V |
| Type of supply voltage U2: | DC |
| Tolerance of U2: | -30 %/+25 % |
| Max. device circuit breaker: | 4 A |
| Terminal V ind. loads off: | -45 V |
| Permitted loads: | Resistive, Inductive, Capacitive |
| **Inputs** | |
| Number of inputs: | 8 |
| Signal level at input at 0: | -3 - +5 VDC |
| U input to EN 61131-2 Type 1: | 24 V DC |

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| Potential isolation input: | Yes |
| Semiconductor outputs | |
| Function of S/C output: | Test pulse output, 24 VDC output, Standard output |
| DC voltage at output: | 24 V DC |
| Potential isolation of S/C O: | Yes |
| S/C output short circuit proof: | Yes |
| Environmental data | |
| Climatic suitability to ...: | EN 60068-2-78 |
| Ambient temperature standard: | EN 60068-2-14 |
| Ambient temperature: | -30 - 60 °C |
| Storage temperature standard: | EN 60068-2-1/-2 |
| Climatic suitability standard: | EN 60068-2-78 |
| Humidity rating: | 93 % r. h. at 40 °C |
| Condensation permitted?: | Briefly |
| EMC to standard ...: | EN 55011: Class A, EN 61000-4-8, EN 61000-4-11, EN 61000-4-9, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3 |
| Vibration to standard ...: | EN 60068-2-6 |
| Acc. shock to standard1: | 15g |
| Clearance & creepage dist. to: | IEC 60664-1 |
| Overvoltage category: | III |
| Pollution degree clear.&creep.: | 2 |
| Protection type standard: | EN 60529 |
| Potential separation | |
| Potential isolation 1 between: | Input and int. bus voltage |
| Type of potential isolation 1: | Basic insulation |
| Potential isolation 2 between: | SC output and int. bus voltage |
| Type of potential isolation 2: | Basic insulation |
| Mechanical data | |
| Housing material upper part: | Valox 855 |

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| Housing material label holder: | PC |
| Connection terminal: | M12 1.4305 stainless steel |
| Terminal style: | screw interlocked |
| Height dimension: | 162 mm |
| Width dimension: | 60 mm |
| Depth dimension: | 30 mm |
| Net weight: | 315 g |
| Gross weight: | 330 g |
| Environment | |
| REACh compliance: | contains min. 1 SVHC-substance |
| WEEE classifikation (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85389091 |
| UNSPSC 25: | 39122331 |
| EAN-Code: | 4046548070958 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27242604 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000024 |
| ETIM Reference Feature: | EC001599 |
| Volume: | 0.363 dm3 |

## Obligatory accessories



630298 PSEN cable M12-5sf 20m



630310 PSEN op cable axial M12 5-pole 3m

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|---|---|---|
|  | 630297 | PSEN op cable axial M12 5-pole 30m |
|  | 630311 | PSEN op cable axial M12 5-pole 5m |
|  | 630312 | PSEN op cable axial M12 5-pole 10m |

## Optional accessories

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|---|---|---|
|  | 380706 | PDP67 cable M12-5sm, 10m |
|  | 380707 | PDP67 cable M12-5sm, 20m |
|  | 380209 | PSS67 Cable M12sf M12sm, 5m |
|  | 380705 | PDP67 cable M12-5sm, 3m |
|  | 380708 | PDP67 cable M12-5sm, 30m |

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|  | 380709 | PDP67 cable M12-5sm, 5m |
|  | 380250 | PSS67 Supply Cable IN sf OUT sm, B, 3m |
|  | 380251 | PSS67 Supply Cable IN sf OUT sm, B, 5m |
|  | 380210 | PSS67 Cable M12sf M12sm, 10m |
|  | 380200 | PSS67 Cable M8sf M12sm, 3m |
|  | 380211 | PSS67 Cable M12sf M12sm, 30m |
|  | 380252 | PSS67 Supply Cable IN sf OUT sm, B, 10m |
|  | 380220 | PSS67 cable M12-5sf, M12-5sm, 20m |
|  | 380324 | Caps for IP67 moduls |

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|---|---|---|
|  | 380203 | PSS67 Cable M8sf M12sm, 30m |
|  | 380258 | PSS67 Supply Cable IN sf, B, 10m |
|  | 380325 | PSEN sl adapter |
|  | 380201 | PSS67 Cable M8sf M12sm, 5m |
|  | 380300 | PSEN ma adapter |
|  | 380256 | PSS67 Supply Cable IN sf, B, 3m |
|  | 380202 | PSS67 Cable M8sf M12sm, 10m |
|  | 380301 | PSEN cs adapter |
|  | 380257 | PSS67 Supply Cable IN sf, B, 5m |



380208 PSS67 Cable M12sf M12sm, 3m