

PDP67 F 8DI ION

773600



Decentralised input module for PNOZmulti, protection type IP67, connection via connection module, 8 safe digital inputs, 8 outputs configurable as a standard, test pulse or 24 V.

Technical details

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
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
Potential isolation input:	No

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:	No

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 61000-4-8, EN 55011: Class A, EN 61000-4-9, EN 61000-4-11, 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
Mechanical data	
Housing material upper part:	Valox 855
Housing material label holder:	PC
Connection terminal:	M12
Terminal style:	screw interlocked
Height dimension:	133 mm
Width dimension:	60 mm
Depth dimension:	30 mm
Net weight:	250 g
Gross weight:	270 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU

RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1 %
CAS No.:	7439-92-1
WEEE classification (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548058901
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
Volume:	0.354 dm3

Obligatory accessories



630298

PSEN cable M12-5sf 20m



630310

PSEN op cable axial M12 5-pole 3m



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



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



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



380258

PSS67 Supply Cable IN sf, B, 10m



380203

PSS67 Cable M8sf M12sm, 30m



380325

PSEN sl adapter



380300

PSEN ma adapter



380256

PSS67 Supply Cable IN sf, B, 3m



380201

PSS67 Cable M8sf M12sm, 5m



380301

PSEN cs adapter



380257

PSS67 Supply Cable IN sf, B, 5m



380202

PSS67 Cable M8sf M12sm, 10m



380208

PSS67 Cable M12sf M12sm, 3m