

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
DC voltage at input:	24 V
U input to EN 61131-2 Type 1:	24 V DC
Input type to EN 61131-2:	1, 3
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
Perm. operating height ASL:	2000 m
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
Protection type, housing:	IP67
Mechanical data	
Housing material:	PBT, Valox 855
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
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
UNSPSC 25:	39122331
GTIN:	4046548058901
Volume:	0.354 dm3
Harmonized System Code:	85389091
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Obligatory accessories



630297

PSEN op cable axial M12 5-pole 30m



630298

PSEN cable M12-5sf 20m



630310

PSEN op cable axial M12 5-pole 3m



630311

PSEN op cable axial M12 5-pole 5m



630312

PSEN op cable axial M12 5-pole 10m

Optional accessories



380200

PSS67 Cable M8sf M12sm, 3m



380201

PSS67 Cable M8sf M12sm, 5m



380202

PSS67 Cable M8sf M12sm, 10m



380203

PSS67 Cable M8sf M12sm, 30m



380208

PSS67 Cable M12sf M12sm, 3m



380209

PSS67 Cable M12sf M12sm, 5m



380210

PSS67 Cable M12sf M12sm, 10m



380211

PSS67 Cable M12sf M12sm, 30m



380220

PSS67 cable M12-5sf, M12-5sm, 20m



380250

PSS67 Supply Cable IN sf OUT sm, B, 3m



380251

PSS67 Supply Cable IN sf OUT sm, B, 5m



380252

PSS67 Supply Cable IN sf OUT sm, B, 10m

	380256	PSS67 Supply Cable IN sf, B, 3m
	380257	PSS67 Supply Cable IN sf, B, 5m
	380258	PSS67 Supply Cable IN sf, B, 10m
	380300	PSEN ma adapter
	380301	PSEN cs adapter
	380325	PSEN sl adapter
	380705	PDP67 cable M12-5sm, 3m
	380706	PDP67 cable M12-5sm, 10m
	380707	PDP67 cable M12-5sm, 20m



380708

PDP67 cable M12-5sm, 30m



380709

PDP67 cable M12-5sm, 5m