

Overview

Product information



PB-M12A-08P-FF-SR7001-20030000033

Field mounted,Female,Angled,M12,Coding A,Screw connector,Cable
External cable diameter 4.0~8.0 mm

Product advantages

- ☑Sealing optimization, protection level up to IP67
- ☑Meet the harsh environment
- ☑Suitable for various occasions connection technology
- ☑Compatible with the international and domestic same series products

Product certification



Technical data

Environmental conditions

Ambient temperature	-40°C...105°C
IP class	IP67

General parameters

Rated current	2A
	30V
Number of potentials	8
Insulation resistance	≥ 100 MΩ
Error-proof coding	A-Code
Overvoltage level	II
Pollution level	3
Connection method	Screw connection

Insertion and pullout cycle	≥ 100
Torque	0.4 Nm

Material

Flammability rating ,in line with UL94	V0
Contact material	CuZn
Material contact surface	Au
Contact carrier material	PA
Coil material	Zinc alloy, nickel plated
Sealing material	Silicon

Standards and specifications

Standards/specifications	IEC 61076-2-101
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Dimension

Assembled cable outer diameter	4.0-8.0mm
Assembled conductor cross section	0.25~0.34 mm ²
	24~22 AWG

Accessories

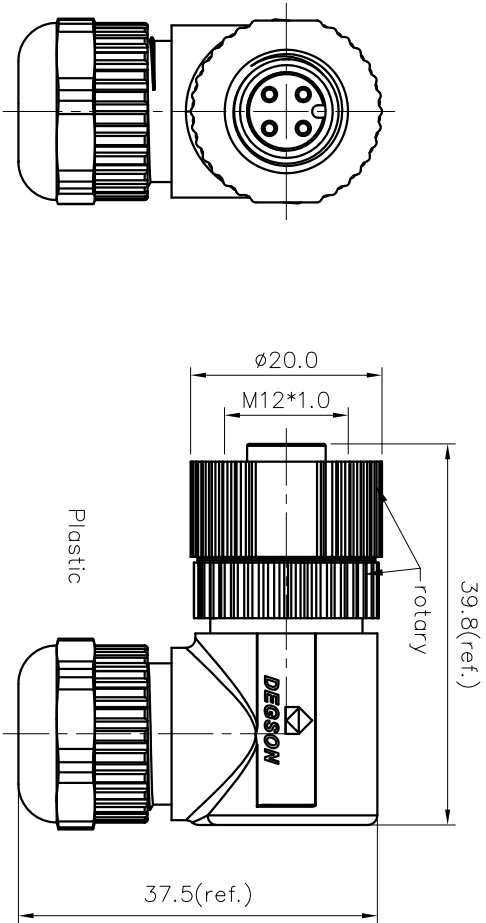
Accessories

Sealing cap	CAP-M12-MP-8004
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Business data

Order number	20030000033
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/

REVISION RECORD			
REV	ECN	DESCRIPTION	DRAFT DATE



NOTES:

1. Rated voltage/current : 3pin A: 250V / 4A
4pin A: 250V / 4A
5pin A: 60V / 4A
6pin A: 30V / 2A
8pin A: 30V / 2A
5pin B: 60V / 4A
4pin D: 250V / 4A
2. Withstanding voltage : 3,4pin A: AC1500V/1Min
5pin A: AC1120V/1Min
6,8pin A: AC500V/1Min
5pin B: AC1120V/1Min
4pin D: AC1500V/1Min

3. Levels of protection: IP67
4. Wire range :

- 3pin A: 24~20AWG/0.25~0.52mm²
4pin A: 24~20AWG/0.25~0.52mm²
5pin A: 24~20AWG/0.25~0.52mm²
6pin A: 24~22AWG/0.25~0.34mm²
8pin A: 24~22AWG/0.25~0.34mm²
5pin B: 24~20AWG/0.25~0.52mm²
4pin D: 24~20AWG/0.25~0.52mm²
5. Cable OD: 4~8mm

6. Wire connection mode: screw
7. Operating temperature: -25°C~+105°C
8. RoHS Compliance
9. Tolerance : ±0.5mm

D	5pin B Coding	4pin D Coding
PB-M12X-XXP-FF-SR7001-00A(H) Coding: A,B,D Pin number: 03,04,05,06,08		
C	Pin Assignments Front View	
B	Pin Assignments Front View	
A	Pin Assignments Front View	

DETACHED LISTS			
PART NO.: PBM12XXXPFSSR700100AH	 DEGSON Germany GmbH	PB-M12X-XXP-FF-SR7001-00A(H)	
APPD:			
CHKD:			
DRAFT: SQ 2019.05.17	TITLE: CUSTOMER DRAWING	REV	DO-1
DRAWING NO.: XXXXXX-XX-CXX		SHEET	1/1
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	SCALE 1:1