



## **CPE - SIGNAL, COMPACT & WATERTIGHT CONNECTOR SERIES**

Easy use, in three shell sizes for control connections using 4, 7 or 12 pins

## CPE Series

### Description



The CPE series is built around 3 shell sizes (4, 7 and 12 contacts) each one consisting of a plug and a receptacle. The particularity of the CPE series is that it offers a wide range of standard accessories to be used on both plug or receptacle. Easy to use, and quick to implement, this small connector is recommended for all types of control/command applications.

#### ELECTRICAL

- Nominal Current: 13 A
- Rated Operating Voltage: 380 V ~ class 2 according to NF C 20-040/VDE 0110-1/EN 50124-1
- Test Voltage: 2300 V eff.
- Contact Resistance: < 2 mff
- Insulation Resistance: > 5000 Mff

#### ENVIRONMENTAL

- Operating Temperature Range: -40°C +100°C
- Protection Index with cable-gland: IP66
- Mechanical resistance index: IK07

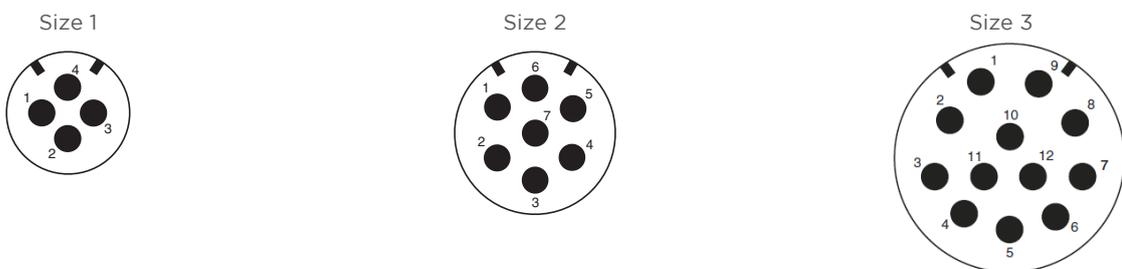
#### MECHANICAL

- Plug & Receptacle: Black Polyamide halogen free
- Flammability: I2F1 according to NF F 61-101 & 102 - UL94V0
- Contact: Brass - Stainless steel spring (supplied in chain form)
- Seal: Neoprene
- Cable-gland (optional): polyamide or polycarbonate
- Durability: 400 mating cycles

#### APPLICATIONS

- Engine
- Robotic
- Remote surveillance camera
- Remote control gates
- and others...

#### ARRANGEMENTS



Front Plug



### CONTACTS

Contacts		Cross-section Section	Part Numbers
Stamped & formed	P	0,65 - 1,64 mm <sup>2</sup>	DPE0405-0053AS
	S	0,65 - 1,64 mm <sup>2</sup>	DPE0405-0054AS

**P:** Pin

**S:** Socket

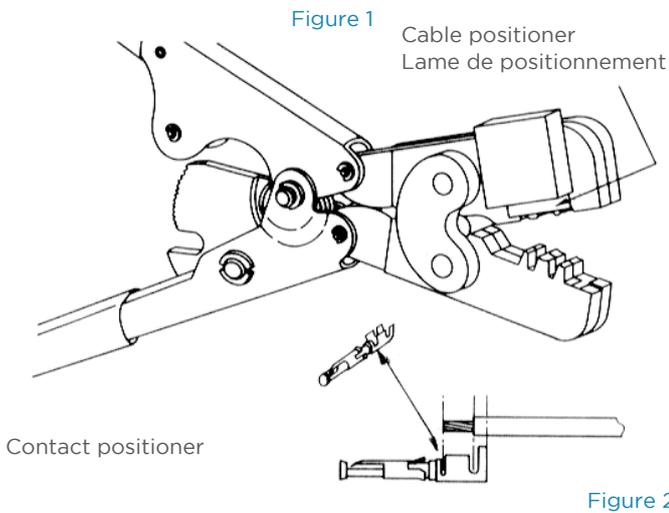
Note:

Other section, contact us

Possibility of machined contacts

### CRIMPING PROCEDURE

- Strip the cable of a length of 0.236 inches (6 mm)
- Insert pin or socket contact into crimping tool and place the cable positioner into the contact bucket as shown on figure 1 - The contact bucket will then be correctly placed
- Insert stripped wire into contact as shown on figure 2
- Crimp the contact until the tool dies are closed and the ratchet releases. Check terminal to ensure that all strands are contained



Tools	Part Numbers
Crimping tool for all contacts	58495-1
Extraction tool	305183

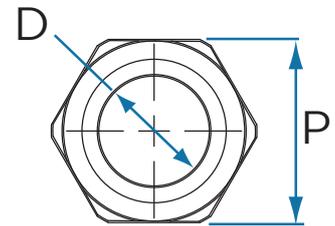
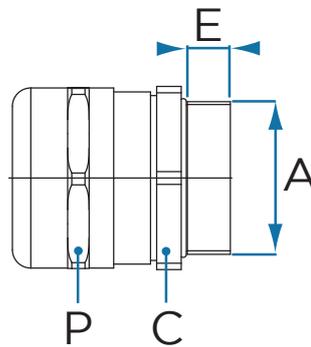
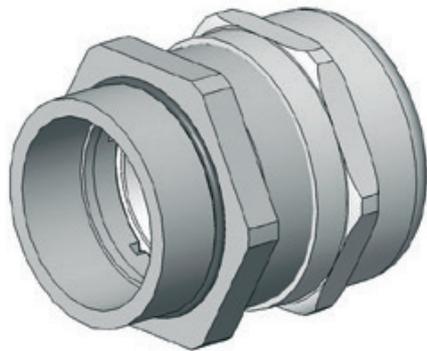
# Cable Entry Equipment

Accessories

## CABLE GLAND

IP66

Material: Polyamide



Size	A	E	C	P	Ø D	Part Number
1	PG9	8 (0.314)	19 (0.748)	19 (0.748)	4 - 8 (0.157 to 0.314)	STD0401-0451AS
2	PG13,5	9 (0.354)	24 (0.944)	24 (0.944)	7 - 12 (0.275 to 0.472)	STD0401-0173AS
3	PG21	11 (0.433)	33 (1.299)	33 (1.299)	13 - 18 (0.511 to 0.708)	STD0401-0174AS

mm/(inch)

The glands threads conform to standard NF C 68-311 or DIN 40430.



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