002 PCB TERMINAL BLOCKS
081 TERMINAL STRIPS
095 WIRE TO BOARD CONNECTORS
100 CIRCULAR CONNECTORS
151 IP68 CONNECTORS
158 INTERFACE MODULES AND RELAY BASES

Push-pull connectors cable mounted plug CCA3 series

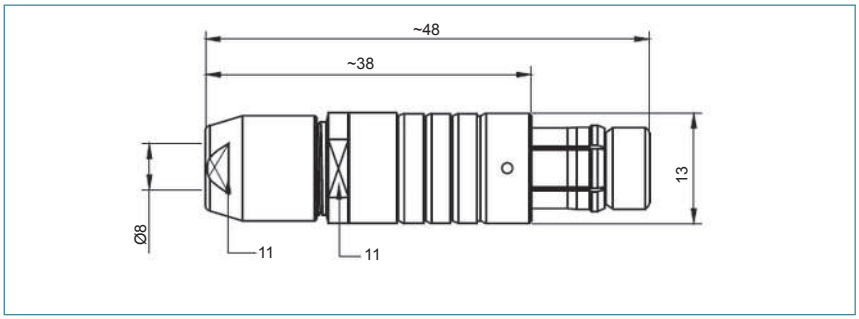
CCA3P1/A12
12 pole

- Premium range of circular connectors
- IP68 sealed using vacuum technology (when connected and using environmental cable clamp)
- Tough, high performance interconnection solution
- Ideal for harsh and extreme environments
- Suitable for broadcasting, autosport, military, rail, marine, security, industrial and agricultural applications
- Key coded to prevent misconnection
- Will not disconnect when the cable is under load or stress
- Tested to IEC 60512-3-5a

CCA3P1/A12



PART NO.	DESCRIPTION	POLES	SERIES
CCA3P1/A12	Cable mounted plug	12	CCA series



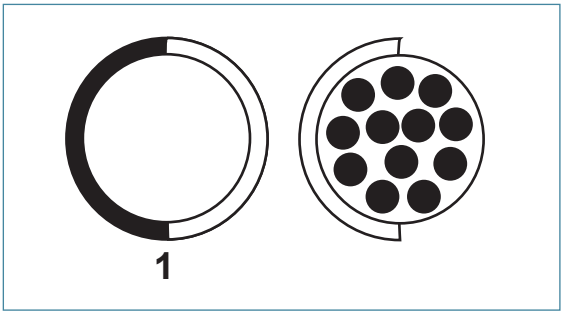
SPECIFICATION	
Shell style/model	Cable mounted straight plug, male contact
Codes	Code 1
Contact type	Solder type
Contact diameter	0.7mm
Max. stranded conductor	AWG 21-22
Max diameter	0.79mm
Vtest (contact-shell)	1400V(AC) 2000V(DC)
Vtest (contact-contact)	1500V(AC) 2200V(DC)
Rated current	4.2A
Rated voltage	≤250V
Mechanical operation	5000 mating cycles
Housing material	Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Insulator	PPS
Contacts	Brass (gold plated)
Humidity (max)	<=95% [at 60°C /140°F]
Vibration	15g [10 Hz - 2000 Hz]
Shock resistance	100g [6 ms]
Salt spray corrosion	>72 hr
Climatical category	50/175/21
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
IP rating	IP68 (when connected and using environmental cable clamp)

This product should be used with the following cable clamps:

PART NO.	WIRE RANGE
CCU3C/CJ	5.7 - 6.2mm
CCU3C/CL	6.2 - 6.7mm

Non IP68 cable clamps also available





ACCESSORIES

Metal cap for plugs

PART NO.	DESCRIPTION
CCA32	Camcirc metal cap for plug A3



ASSOCIATED PRODUCTS

CCM3S1/12 -CCM series A3 size socket page 129

+44 (0)1638 716101 | sales@camdenboss.com | www.camdenboss.com

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