Push-pull connectors cable mounted plug CCA1 series

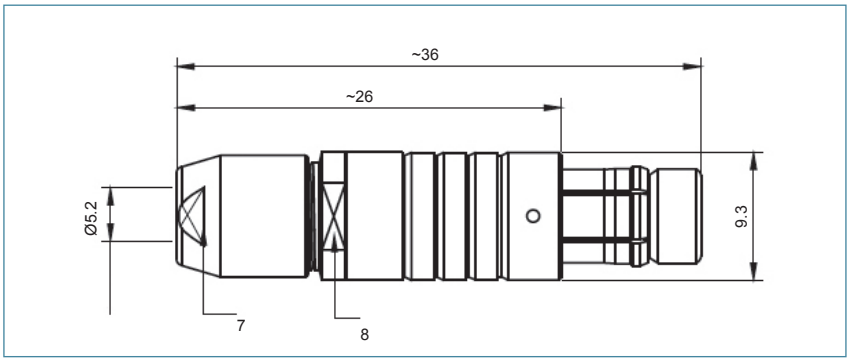
CCA1P1/A03
3 pole

- 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

CCA1P1/A03



PART NO.	DESCRIPTION	POLES	SERIES
CCA1P1/A03	Cable mounted plug	3	CCA series



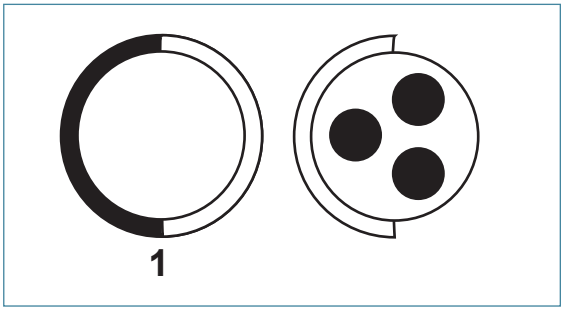
SPECIFICATION	
Shell style/model	Cable mounted straight plug, male contact
Codes	Code 1
Contact type	Solder type
Contact diameter	0.9mm
Max. stranded conductor	AWG 21-22
Max diameter	0.79mm
Vtest (contact-shell)	1300V(AC) 1800V(DC)
Vtest (contact-contact)	1300V(AC) 1600V(DC)
Rated current	8.2A
Rated 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
CCV1C/CC	2.6 - 3.1mm
CCV1C/CD	3.1-3.6mm
CCV1C/CE	3.6-4.1mm
CCV1C/CF	4.1-4.3mm



Non IP68 cable clamps also available



ACCESSORIES

Metal cap for plugs

PART NO.	DESCRIPTION
CCA12	Camcirc metal cap for plug A1



ASSOCIATED PRODUCTS

CCM1S1/03	-CCM series A1 size socket	page 122
CB1S1/03	-CCB series A1 size socket	page 131
CCE1S1/03	-CCE series A1 size socket	page 140
CCT1S1/03	-CCT series A1 size socket	page 146

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We operate a constant improvement policy, our products are subject to change without notice.

Vers 1

bsi. ISO 9001 Quality Management FM 28614 ISO 14001 Environmental Management EMS 613558