

# METAL CIRCULAR CONNECTORS – A REAL ALL-ROUNDER

## RELIABLE – VERSATILE – COMPACT

Self-locking circular connector for a wide range of applications. Whether used for transmitting power, signals, data or other media, this circular connector in its robust metal housing convinces with its quality, reliability and handling characteristic. CTC connectors offer a very high versatility in configuration and termination options, thereby not only giving users great flexibility in design but also reducing installation time and cost. We also offer complete systems consisting of connectors, cables with suitable assembly and optional overmolding. This makes CTC the connector of choice for a multitude of applications in the medical, test and measurement, industrial, military and security markets.

## BENEFITS

- Outstanding functional reliability due to robust metal housing
- Ability to withstand challenging environmental conditions, such as ambient temperatures of  $-40\text{ }^{\circ}\text{C}$  to  $+120\text{ }^{\circ}\text{C}$
- Ease of connections – thanks to Push-Pull quick-locking technology, connections are established and released in  $< 1$  second.
- Minimal space requirements thanks to interfaces with diameters of just 6.4 mm
- Available including cable assembly
- Optional silicone-overmolded system solutions

<ul style="list-style-type: none"> <li>• 5,000 mating cycles</li> <li>• Data technology (USB®, HDMI®, Ethernet)</li> <li>• Solder-, Crimp- or PCB connection possible</li> </ul>	IP Class mated	IP Class unmated	Coding	Sizes	Max. number of mechanical codings	Diameter plug (mm)	Max. cable diameter (mm)	Max. number of contacts
	IP50	Up to IP68	Pin and groove	00	4	6.4	3.5	04
				0		9.0	5.6	10
				1	8	11.5	7.7	16
				2		14.5	9.9	26
				3		17.5	11.9	30
				4		25.0	16.0	40
	IP68	Up to IP68	Pin and groove	0	8	11.0	5.0	10
				1		13.0	7.0	16
				2		16.0	9.0	26
				3		19.0	10.5	30
				4		25.0	14.0	40
	IP68	Up to IP68	Pin and groove	0	8	9.4	5.0	10
				1	9	12.0	7.0	16
				2	10	15.0	9.0	26
				3	13	18.0	10.5	30
	Up to IP68	Up to IP68	Half shell	0	3	9.4	5.0	09
				1		12.0	7.5	14
				1.5		13.0	7.5	19
				2		15.0	9.5	19
				3		18.0	11.5	27

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