



icotronix - Premium Distribution Partner

Industrial connector solutions

TKD and Icotronix - Partner for your servo drive solution

TKD offers its customers decades of experience in the design of servo cables, as well as a strong awareness of quality and the environment. Our portfolio is complemented by Icotronix, as a strong partner for circular connectors for servo drives.

Icotronix specializes in circular connectors for servo drives. The company is located in Aiterhofen, Bavaria. Founded in 2016 by ambitious connector experts with decades of industry experience.



Modular system

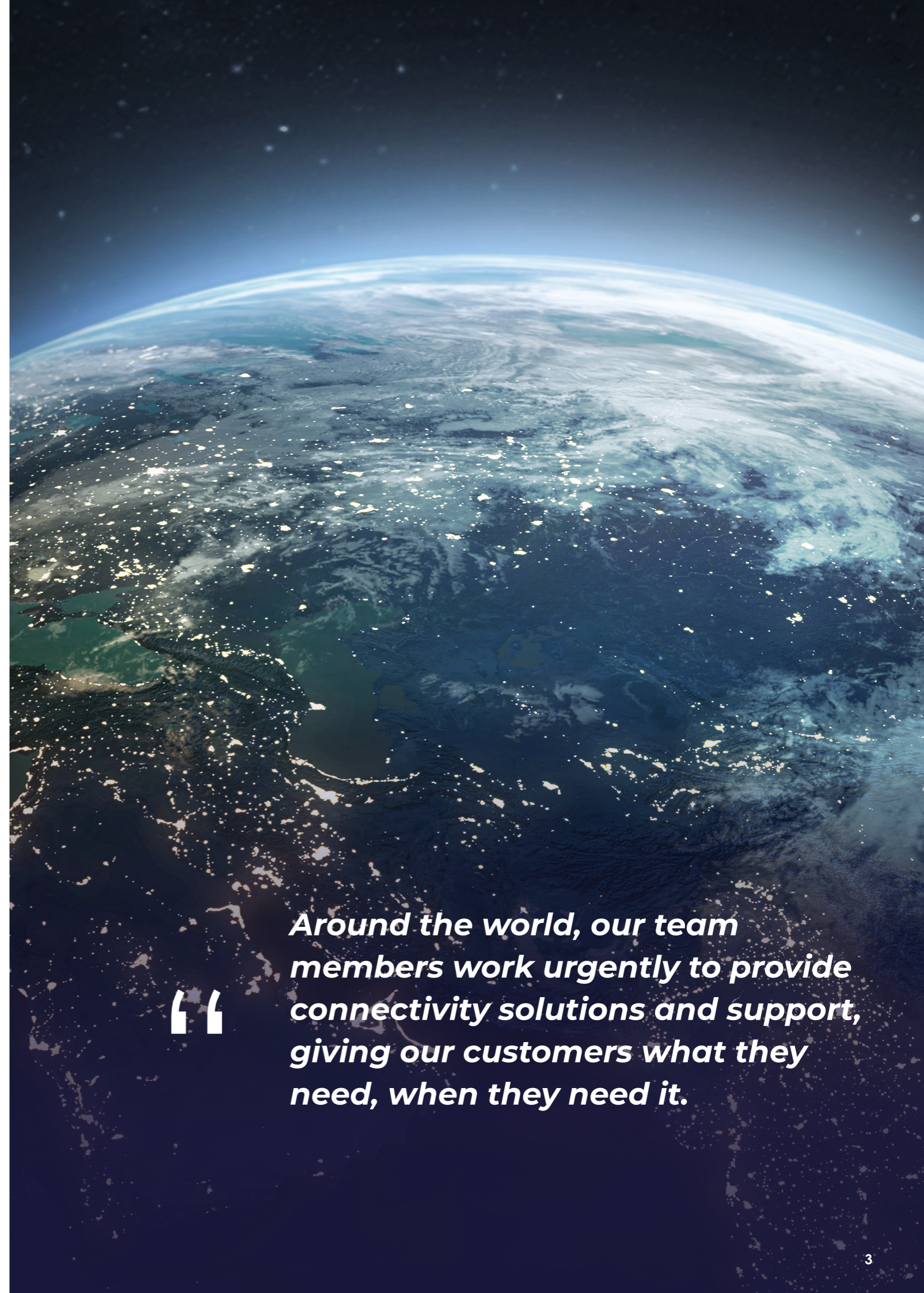
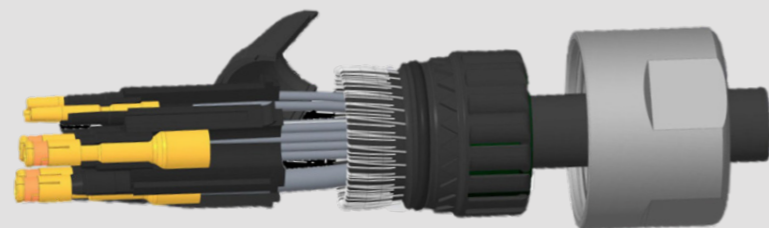
Innovative, patented solutions

We take connection technology to the next level.

Proven shielding system






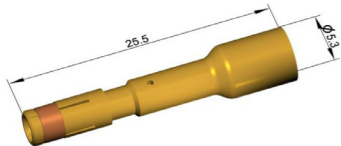
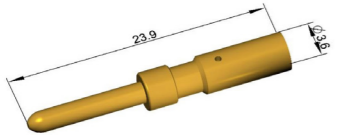
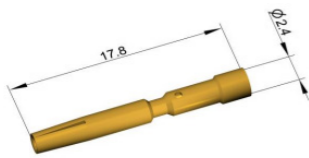
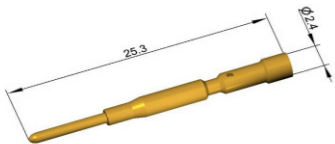
Innovative shield system with **360° cable shield**.

Less parts because **integrated distance sleeve** on the insulating body.



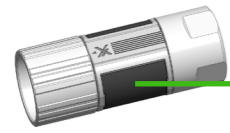
Around the world, our team members work urgently to provide connectivity solutions and support, giving our customers what they need, when they need it.

The Icotronix Portfolio

Product	TKD part no.	Icotronix part no.	Description	Clamping range/ type in mm	Other clamping ranges in mm
	Immediately available from stock		Immediately available from stock		Short term orderable
	6507418	A1AF2412BNNNN500	M23 SIGNAL 12-pole with SCREW CLAMP RING	6,5 - 10,0	Ø 3,5 - 5,0 Ø 5,0 - 7,5 Ø 9,0 - 12,5 Ø 14,5 - 16,7
	6507419	A1AF2417ANNNN500	M23 SIGNAL 17-pole with SCREW CLAMP RING	6,5 - 10,0	
	6507424	B1AF2406ANNNN500	M23 POWER 6-pole with SCREW CLAMP RING	6,5 - 10,0	
	6507425	B1AF2506ANNNN500	M23 POWER 6-pole with SCREW CLAMP RING	9,0 - 12,5	
	6507426	B1AF2606ANNNN500	M23 POWER 6-pole with SCREW CLAMP RING	12,0 - 15,0	
	6507432	B1AF2508ANNNN500	M23 POWER 8-pole with SCREW CLAMP RING	9,0 - 12,5	
	6507433	B1AF2608ANNNN500	M23 POWER 8-pole with SCREW CLAMP RING	12,0 15,0	
	6507420	A3AC0012CNNNN500	ANGLE BOX M23 SIGNAL 12-pole with O-RING	ROTATABLE FLANGE 25x25 ROTATABLE FLANGE 25x25	
	6507421	A3AC0017CNNNN500	ANGLE BOX M23 SIGNAL 17-pole with O-RING		
	6507422	B3AC0006BNNNN500	ANGLE BOX M23 POWER 6-pole with O-RING	ROTATABLE FLANGE 25x25 ROTATABLE FLANGE 25x25	
	6507423	B3AC0008BNNNN500	ANGLE BOX M23 POWER 8-pole with O-RING		
	8500450	Z1-000010-01-00	CONNECTOR for DRIVE-CLIQ-cable PROTECTION type IP67 - METAL	N. SIEMENS 6FX2003-0DM67	
	6507427	54-000002-01-22	POWER Crimping contacts 2,0 mm Crimping range 0,35 - 2,5 mm ²	FEMALE CONTACT	
	6507430	03-000002-01-22	POWER Crimping contacts 2,0 mm Crimping range 0,35 - 2,5 mm ²	MALE CONTACT	
	6507428	04-000001-01-22	SIGNAL Crimping contacts 1,0 mm Crimping range 0,14 - 1,0 mm ²	FEMALE CONTACT	
	6507429	03-000001-01-22	SIGNAL Crimping contacts 1,0 mm Crimping range 0,14 - 1,0 mm ²	MALE CONTACT	

Customized solutions

We are also happy to realize an individual solution, such as:



Customized color/ logo

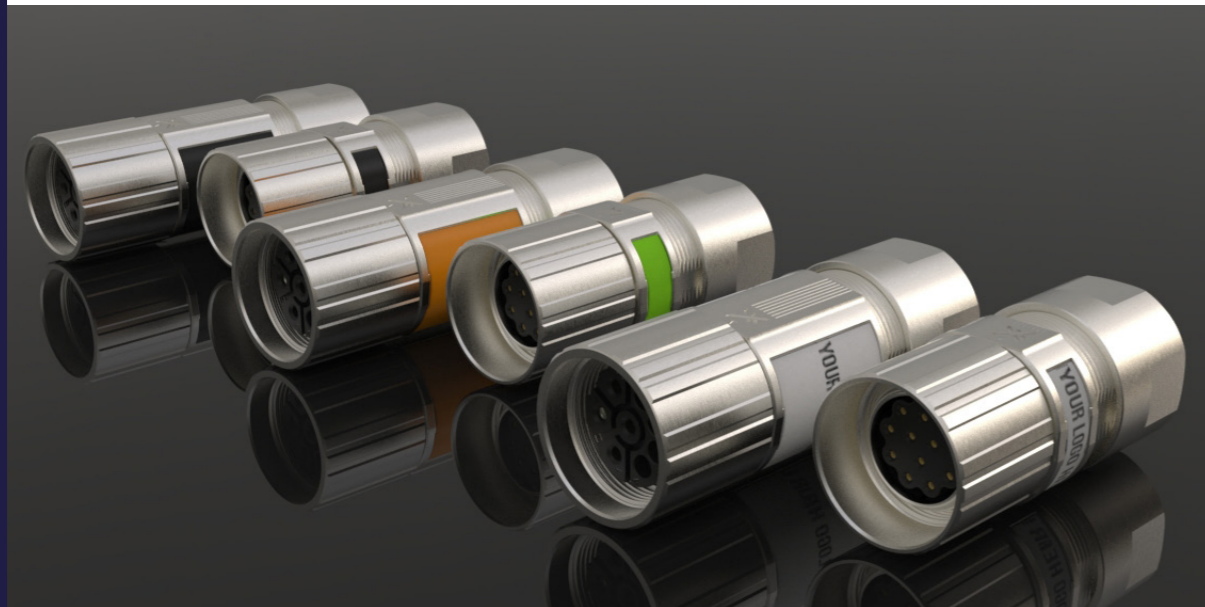
State of the Art receptacles

The new receptacles are, thanks to the **ultra-compact design**, the **most compact** on the market and up to 330° ROTATABLE.

Length: 55,3 mm

Height: 32,1 mm

Rotary: 330°

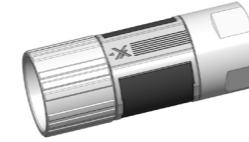


Plug it - Play it - Trust it

UL		FILE No. E514668
VIBRATION TEST		DIN EN 60068-2-6:2008-10
SHOCK TEST		DIN EN 60068-2-27:2010-02
DUST PROTECTION TEST		DIN EN 60529:2014-09
WATER PROTECTION TEST		DIN EN 60529:2014-09
DERATING TEST		DIN EN 60512-5 2:2003-01
INSULATION RESISTANCE		DIN EN 60512-3-1:2003-01

According to the above standards

Available to order in addition to stock



The power connectors can also be ordered in the 9-pin version in all terminal ranges.



The flange sockets are also available with a flange size of 28x28mm both for power and signal.



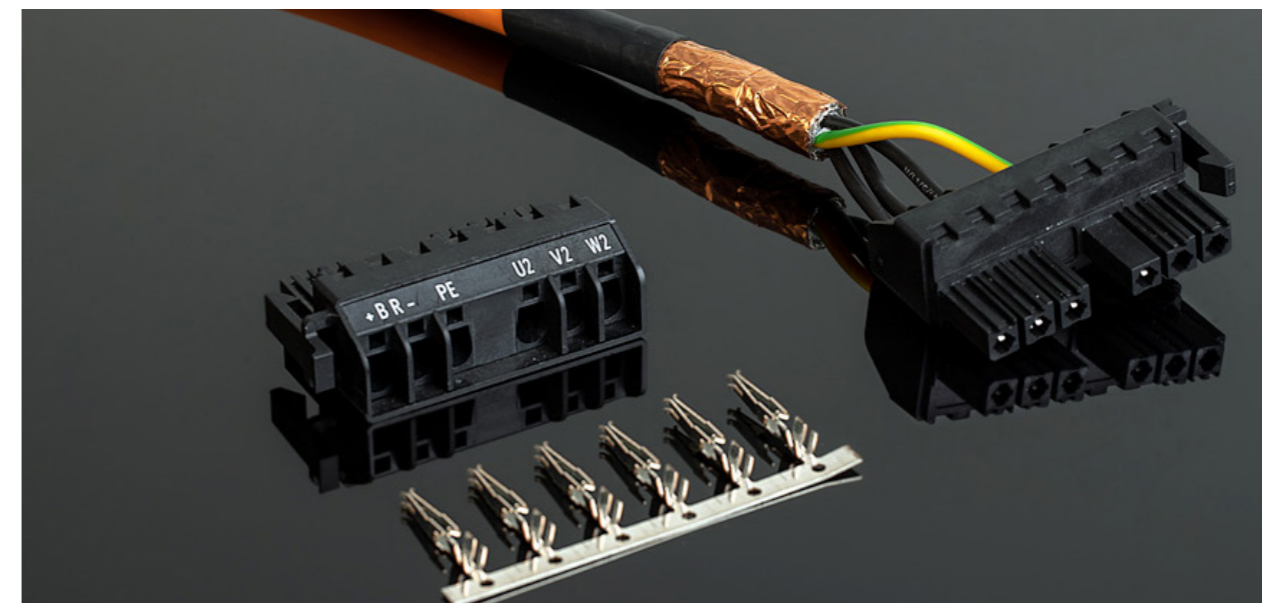
NEW

M40 series - power 6/8/9 pole.

Siemens S120 connector with screw and crimp connection.



Crimp tool for the contacts of the signal and power connectors.





TKD
an INFINIT® brand

About Infinite Electronics

Infinite Electronics has a global portfolio of leading in-stock connectivity solution brands. Infinite's brands help propel the world's innovators forward by working urgently to provide products, solutions and real-time support for their customers. Infinite's brands serve customers across a wide range of industries with a broad inventory selection, same-day shipping and 24/7 customer service. Learn more at infiniteelectronics.com.

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