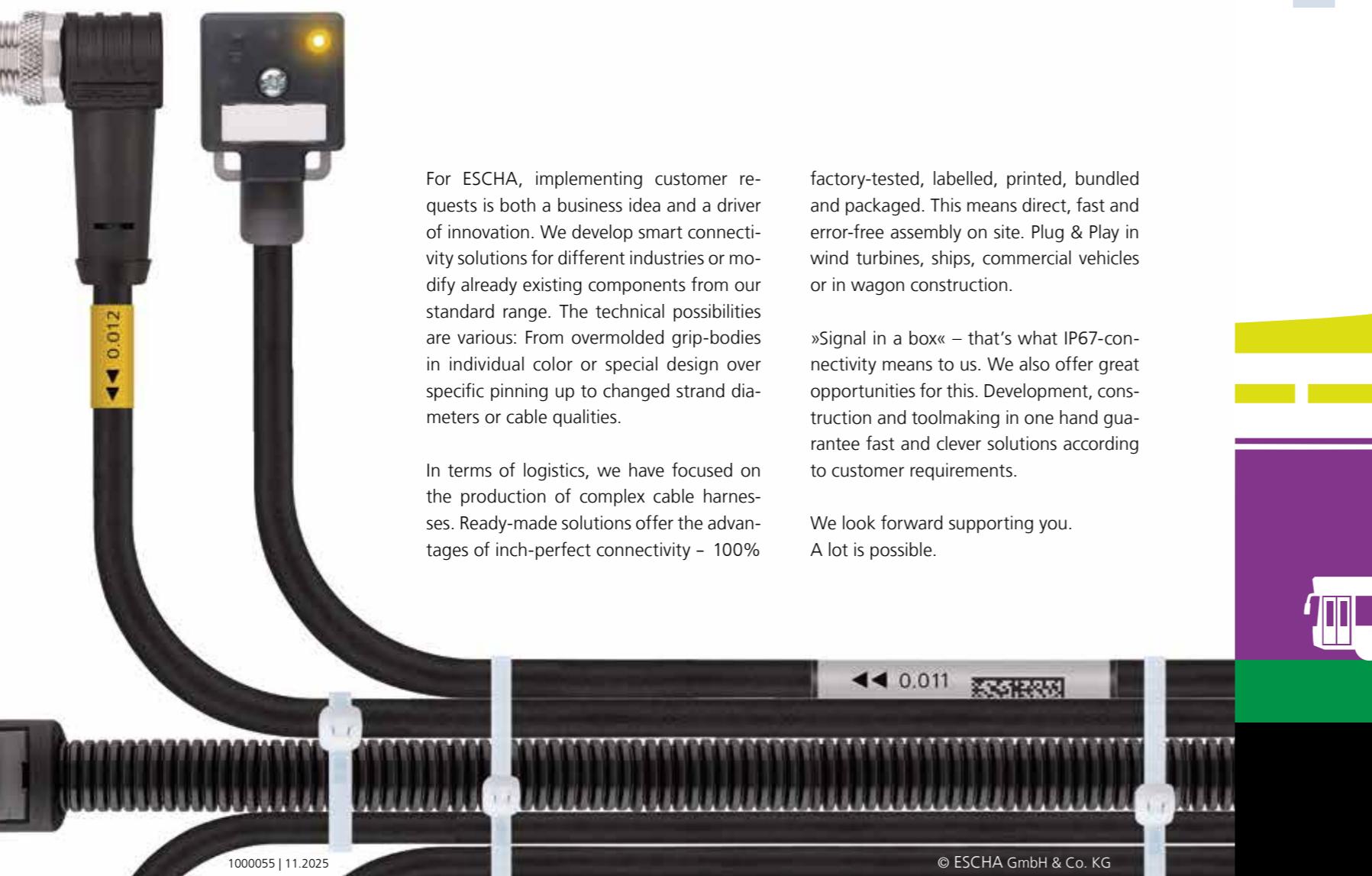


ESCHA – specialist in connectivity.

ESCHA develops, manufactures and markets highgrade connectivity- and housing technology.

Coming from automation engineering, we master the technology of dust- and waterproof connectivity. We regularly transfer the advantages of this technology to new applications and develop product portfolios for different industries.

Through our global sales network and production sites in Europe, Asia and America we are close to our customers and guarantee consistent standards worldwide.



1000055 | 11.2025

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For ESCHA, implementing customer requests is both a business idea and a driver of innovation. We develop smart connectivity solutions for different industries or modify already existing components from our standard range. The technical possibilities are various: From overmolded grip-bodies in individual color or special design over specific pinning up to changed strand diameters or cable qualities.

In terms of logistics, we have focused on the production of complex cable harnesses. Ready-made solutions offer the advantages of inch-perfect connectivity – 100%

factory-tested, labelled, printed, bundled and packaged. This means direct, fast and error-free assembly on site. Plug & Play in wind turbines, ships, commercial vehicles or in wagon construction.

»Signal in a box« – that's what IP67-connectivity means to us. We also offer great opportunities for this. Development, construction and toolmaking in one hand guarantee fast and clever solutions according to customer requirements.

We look forward supporting you.
A lot is possible.



SPECIALIST IN CONNECTIVITY.

escha.net



SENSOR/ACTUATOR	ROBOTICS	AUTOMOTIVE	POWER	Food & Beverage	DATA TRANSMISSION	TRANSPORTATION	RENEWABLES	MOBILE AUTOMATION
<p>M8-, M12-connectors</p> <ul style="list-style-type: none"> Single-/double-ended cordsets Receptacles, field wireable optional: LED 360° shielding Steel- or plastic locking-nut HT-variants up to +200°C 	<p>High availability in dynamic applications, handling- and assembly facilities.</p> <p>M8-, M12-, M12 push-pull, RJ45-connectors</p>	<p>M8-, M12-connectors for body construction and vehicle assembly.</p> <ul style="list-style-type: none"> Application-related cable qualities Enlarged outer-jacket for high welding-beads resistance 	<p>Power transmission for automation industry via compact and standardized M12-interface.</p> <ul style="list-style-type: none"> Comprehensive portfolio: Enlarged outer-jacket for high welding-beads resistance 	<p>Connectors for the high requirements in the food industry.</p> <ul style="list-style-type: none"> M8-, M12-connectors, LED, receptacles, field wireable Hygienic Design according to EHEDG 	<p>High-performance data-transmission in industrial applications</p> <p>According to specifications of user organizations</p> <p>INDUSTRIAL ETHERNET</p> <ul style="list-style-type: none"> PROFINET-cables for safe data transmission up to 10GBit/sec Torsion: >5 million cycles Drag-chain: > 4 million cycles 	<p>Connectors, harnesses for all wiring levels in bus&rail.</p> <p>According to standards: Fire performance, temperature, mechanical stress, vibration, shock</p> <p>RAIL APPROVED</p> <ul style="list-style-type: none"> DIN EN 45545-2 HL3 DIN EN 50155 	<p>Connectors and harnesses for extreme conditions in wind power plants.</p> <p>Comprehensive portfolio: M8, M12, valve plugs, T-splitter, Y-splitter</p> <ul style="list-style-type: none"> 360°-shielding HALT-tested Low smoke zero halogen (LSZH) 	<p>Connectors and harnesses for mobility vehicles.</p> <ul style="list-style-type: none"> M12-connectors with robust stainless-steel- or plastic locking-nut Valve plugs A, B, C, CI Series ET/EM compatible with DEUTSCH® DT/TM portfolio (DEUTSCH® is a registered trademark of the ETC connectivity Group) Individual-B-side assembly Thread for protective hose Original accessories: Mounting-kits, safety-caps, protective hoses, marking-rings Dust and water protection boxes (customized specific individual harnesses for immediate installation)
<p>(Double-)Valve plugs, adapters</p> <ul style="list-style-type: none"> A, B/BI, C/CI design LED, translucent overmolding Protective circuit Thread for protective hose 	<p>SENSOR/ACTUATOR</p> <ul style="list-style-type: none"> Sensor-/Actuator-cables for high mechanical stresses Torsion/Drag-chain: >10 million cycles each LED 360° shielding 	<ul style="list-style-type: none"> Oil resistant Silicone free Original accessories: Mounting-kits, safety-caps, marking-rings ... Y-splitter S89 	<ul style="list-style-type: none"> L-coded: 63Vdc 16A PNO-approved GY, 4+FE Connection cross-section 1.5mm² up to 2.5mm² Drag-chain ability 	<ul style="list-style-type: none"> K-coded: 630VAC 12A T-coded: 63Vdc 12A Yellow portfolio for safety applications 1.5mm² up to 2.5mm² Drag-chain ability 	<ul style="list-style-type: none"> FDA-applied materials Resistant to cleaning- and disinfectant agents (ECOLAB) Good chemical resistance Good microbes resistance Steel-, plastic locking nuts (temperature-/media resistance) TPE- or PVC cable quality 	<p>PROFIBUS</p> <ul style="list-style-type: none"> M12 5B-portfolio <p>INDUSTRIAL ETHERNET</p> <ul style="list-style-type: none"> M8, M12, M12 push-pull, RJ45, receptacles, patch cords, field wireable 100MBit/s: 4D 4P 10GBit/s: 8X <p>CANopen/DeviceNet (ODVA)</p> <ul style="list-style-type: none"> M12 5A-portfolio, twisted-pair, stranded wire <p>SPE – Single Pair Ethernet</p> <ul style="list-style-type: none"> M8-, M12-connectors, M12 field wireable 	<p>RAIL APPROVED</p> <ul style="list-style-type: none"> ECE R118 <p>BUS APPROVED</p> <ul style="list-style-type: none"> IEC 60811-2-1 IEC 60332-1 IEC 60754 IEC 61034 <p>SENSOR/ACTUATOR</p> <ul style="list-style-type: none"> Valve plugs RAIL APPROVED <p>POWER SUPPLY with M12</p>	<p>IP65, IP67, IP68 UL/CSA</p> <p>IP65, IP67, IP68 UL/CSA</p> <p>IP65, IP67, IP68 UL/CSA</p> <p>IP65, IP67, IP68, IP69 UL/CSA</p>
<p>M8-, M12-I/O-junctions</p> <ul style="list-style-type: none"> Front-, top-, fixed connection M12 push-pull Inner + Outer Locking 							<p>Harnesses: Inchperfect, overmolded, labeled, tested ...</p>	<p>IP65, IP67, IP68 UL/CSA</p>