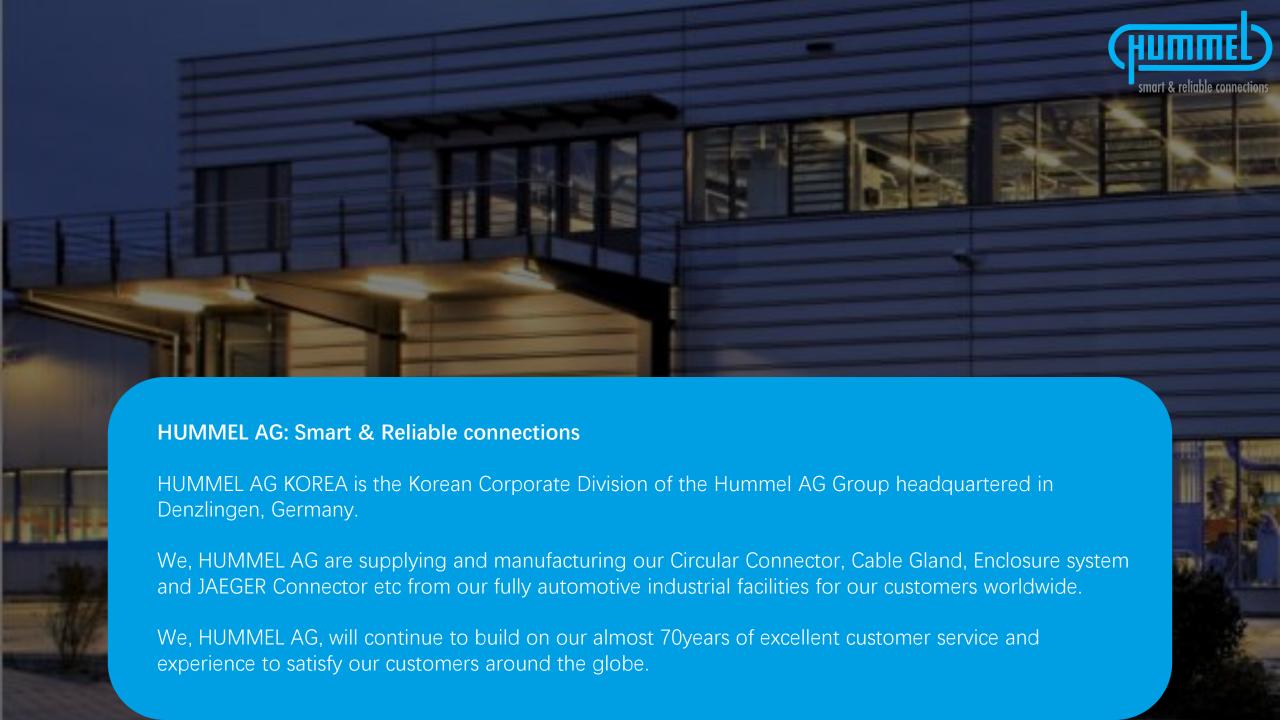
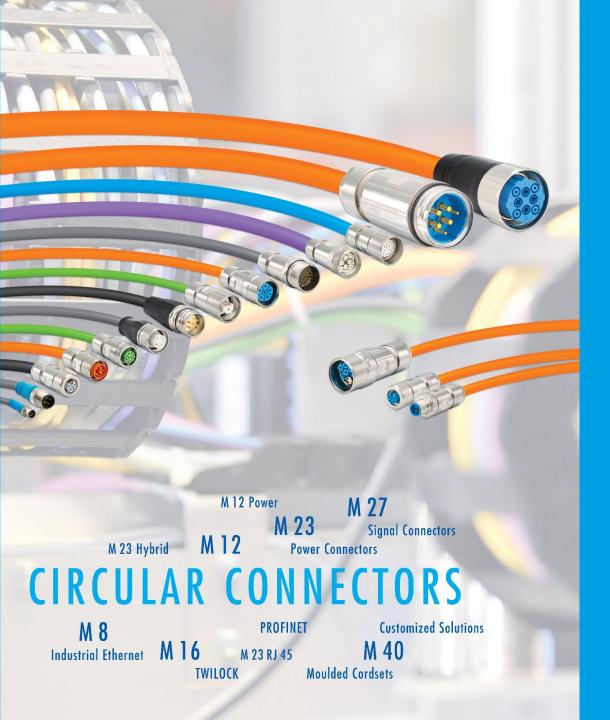
Smart & reliable connections

HUMMEL AG KOREA

COMPANY PROFILE







HUMMEL circular connectors are used in various industrial fields such as robots, submotors, and equipment.

It meets the highest requirements in industry.

- IP 67, IP 69 K
- It is resistant by vibration
- 360° Shield is provided EMC protection

The product range covers sizes M8 to M40.

Whether power or signal connectors, Industrial Ethernet or customerspecific special applications - HUMMEL offers the right solution for every requirement.

Quick-release fastener variants, angle, coupling and appliance plugs for the most varied installation situations round off the respective product families; they are also available as INOX versions.

CIRCULAR CONNECTOR



M12 Power

- // Highest power density
- // Power transmission up to 630V and 16A
- // Robust metal housing, optionally in stainless steel
- // EMC shielding as standard
- // Moulded cables

M16

- // Compact design (\emptyset < 20 mm)
- // Housing can be freely combined with pin and socket inserts
- // Optional TWILOCK quick connect
- // M16 is used mainly in submotor industirial





M23

- // Signal, Power, Industrial Ethernet, Hybrid
- // Gigabit data transmission
- // Modular concept: housing and inserts can be combined
- // Screw or TWILOCK quick connect
- // Approvals according to UL, CSA and VDE

M27 // Signal // Poles: 26, 28



CIRCULAR CONNECTOR



M40

// Power transmission up to 55 A

// It provides EMC protection

// Crimp contacts max.16 mm2

// User-friendly installation

// TWILOCK-S: pluggable with Speedtec

Hybrid

// Hybrid connectors transmit power, signals (analog) and data/Ethernet (digital)

// One connector instead of 2 or 3

// Reduced space requirement, costs and time

// Less weight on the end device (e.g. motor)

// Option: Several cables can also be brought together in one connector. (Multi)







INOX

// M16, M23 and M40

// Stainless steel V4A (AISI 316 L / 1.4404) housing

// Ideal for rough applications

// Suitable for food-related areas, pharmaceutical industry and offshore applications

Moulded circular connectors

// M8, M12, M16, M23 and M40

// Moulding in various colours possible

// Manipulation protection

// Straight and angled designs

// Shielded or unshielded





HUMMEL offers a huge portfolio of cable glands for industrial applications.

High quality materials and innovative technology guarantee a quality which meets the highest demands.

Cable glands made of plastic, brass or stainless steel, It has been tried and tested for many years and offers very reliable functionality.

Our reliable overlapping clamping segment system ensures excellent fixation and sealing.

HUMMEL offers the great variety of cable glands The right solution for all industrial requirements





Product series	Size	Temperate range	Protection class	optional insert	flexible cable outlet	Fire protection	UV protection	Ex- protection	Hygienic protection	Chemical resistance	Impact protection	EMC protection
HSK-K	M12 - M63 PG 7 - PG 48 MPT 3/8" - MPT 1 1/2"	-40°C — 100°C	IP54 without O-Ring IP68 10bar / 30min IP69K		HSK-K-Flex	UL94 V0	ULA)-				✓	
HSK-K-PVDF	M12 - M32 PG7 - PG 48 NPT 3/8" - NPT 3/4"	-35°C – 150°C	IP54 without O-Ring IP68 10bar / 30min IP69K			UL94 V0	through PVDF				✓	
HSK-M	M12 - M63 PG7 - PG 48 NPT 3/8" - NPT 1"	-40°C - 100°C	IP68 10bor / 30min IP69K		HSK-M-Flex	UL94 VO					✓	
HSK-M-PVDF	M12 - M40 PG7 - PG 48 NPT 3/8" - NPT 3/4"	-35°C — 150°C	IP68 10bor / 30min IP69K			UL94 VO	through PVDF				\	
HSK-M-EMV	M12 - M63 PG7 - PG 48 NPT 3/8" - NPT 3/4"	-40°C — 100°C	IP68 10bor / 30min IP69K		HSK-M-Flex-EMV	UL94 VO					✓	A.
HSK-M-EMV-D	M12 - M63 PG7 - PG 48 PT 3/8" - NPT 3/4"	-40°C — 100°C	IP68 10bor / 30min IP69K								\	Â.
HSK-K-Ex-Active	M12 - M63 NPT 3/8" - NPT 1 1/2"	-20°C — 85°C	IP68 10bor / 30min					(Ex)			✓	
HSK-M-Ex	M12 - M63 PG7 - PG 48 NPT 3/8" - NPT 1"	-20 °C − 95 °C	IP68 10bor / 30min IP69K			UL94 VO		Ex			~	
HSK-INOX-HD-Pro	M12 - M32	-40°C — 120°C	1P66 1P68 10bor / 30min 1P69K						= [778]		1	
VariaPro Rail	M12 – M63	-40°C — 100°C	IP68 10bor / 30min			EN 45545					Y	
VariaPro Temp	M12 — M63	-60°C − 200°C	1P68 10bor / 30min								Y	
VariaPro FKM	M12 – M63	-20°C - 180°C	IP68 10bar / 30min								\	
EXIOS	M16 - M75 MPT 3/8" - MPT 3"	-60°C — 105°C	IP 66, IP 67, IP 68 – 5 bar/30min					Ex			~	