

Product **FOCUS**

Efficiency in Automation

Cable • Connectivity • Cabinet • Control

Round connector

The future of energy transmission is being redefined with manually assembled M12 power connectors.

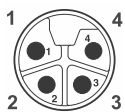


Lütze M12 Power – Robust Connectors for Industrial Applications

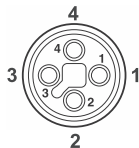
LÜTZE connectors are designed for extreme environments thanks to their robust housing material, offering protection against dust, moisture, and mechanical stress. This makes them ideal for use in automation technology, mechanical engineering, and many other industrial sectors.

M12 power connectors provide an optimal solution that ensures maximum efficiency and reliability for modern industrial applications. With their intuitive design and innovative push-lock connection technology, the shielded M12 power connectors enable quick and effortless installation.

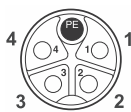
LÜTZE M12 power connectors for manual assembly offer versatile application possibilities across various industries, matching common market codings:



M12 - L cod
63 V DC / 16 A



M12 - T cod
63 V DC / 12 A



M12 - K cod
690 V AC / 16 A



M12 - S cod
690 V AC / 12 A

With ferrules or bare strands



Highlights:

- Push-Lock spring-connection
- 30% time savings during assembly
- Reliable EMC protection with 360° shielding
- Cross-sections up to 2.5 mm²
- Cable diameter up to 13.0 mm
- Available as straight socket and plug versions
- Housing material:
nickel-plated brass
- Shock- and vibration-proof connection
- Protection class: IP65
- Extended temperature range:
-40°C to 85°C
- Codings L, T, K, S
- Connection terminals colour-coded to match wire colours

M12 power connector L-coded



490248



490249



490252



490253

Part Number	Type	Number of poles	Coding	Operating voltage	Rated current	Cable diameter	Connection cross-section	Packaging unit
490248	STGK-M12(C) 4-POL-L FK	4	L	63 V DC	16 A	6 - 11 mm	0,75 mm - 2,5 mm ²	1
490249	KUGK-M12(C) 4-POL-L FK	4	L	63 V DC	16 A	6 - 11 mm	0,75 mm - 2,5 mm ²	1
490252	STGK-M12(C) 5-POL-L FK	5	L	63 V DC	16 A	8 - 13 mm	0,75 mm - 2,5 mm ²	1
490253	KUGK-M12(C) 5-POL-L FK	5	L	63 V DC	16 A	8 - 13 mm	0,75 mm - 2,5 mm ²	1

M12 power connector S-coded



490254



490255

Part Number	Type	Number of poles	Coding	Operating voltage	Rated current	Cable diameter	Connection cross-section	Packaging unit
490254	STGK-M12(C) 4-POL-S FK	4	S	690 V AC	12 A	6 - 11 mm	0,75 mm - 2,5 mm ²	1
490255	KUGK-M12(C) 4-POL-S FK	4	S	690 V AC	12 A	6 - 11 mm	0,75 mm - 2,5 mm ²	1

M12 power connector T-coded



490256



490257

Part Number	Type	Number of poles	Coding	Operating voltage	Rated current	Cable diameter	Connection cross-section	Packaging unit
490256	STGK-M12(C) 4-POL-T FK	4	T	63 V DC	12 A	6 - 11 mm	0,75 mm - 2,5 mm ²	1
490257	KUGK-M12(C) 4-POL-T FK	4	T	63 V DC	12 A	6 - 11 mm	0,75 mm - 2,5 mm ²	1

M12 Power connector K-coded



490258



490259

Part Number	Type	Number of poles	Coding	Operating voltage	Rated current	Cable diameter	Connection cross-section	Packaging unit
490258	STGK-M12(C) 5-POL-K FK	5	K	690 V AC	16 A	8 - 13 mm	0,75 mm - 2,5 mm ²	1
490259	KUGK-M12(C) 5-POL-K FK	5	K	690 V AC	16 A	8 - 13 mm	0,75 mm - 2,5 mm ²	1