

KD4C1851 (Order no. 077434)

Plug connector and connection kit for extending the connecting cable for read heads CES-A-L.../CEM-A-L...

- ▶ Plug connector for extending the connecting cable
- ▶ For read heads CES-A-L.../CEM-A-L...



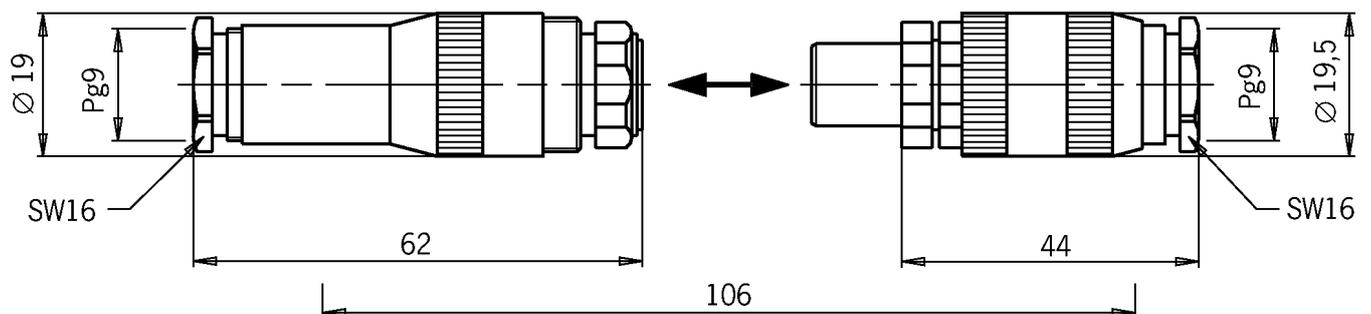
Using EUCHNER couplings / plug connectors, the user can cut the read head cable to size on site at any point and connect the couplings / plug connectors.

Notice

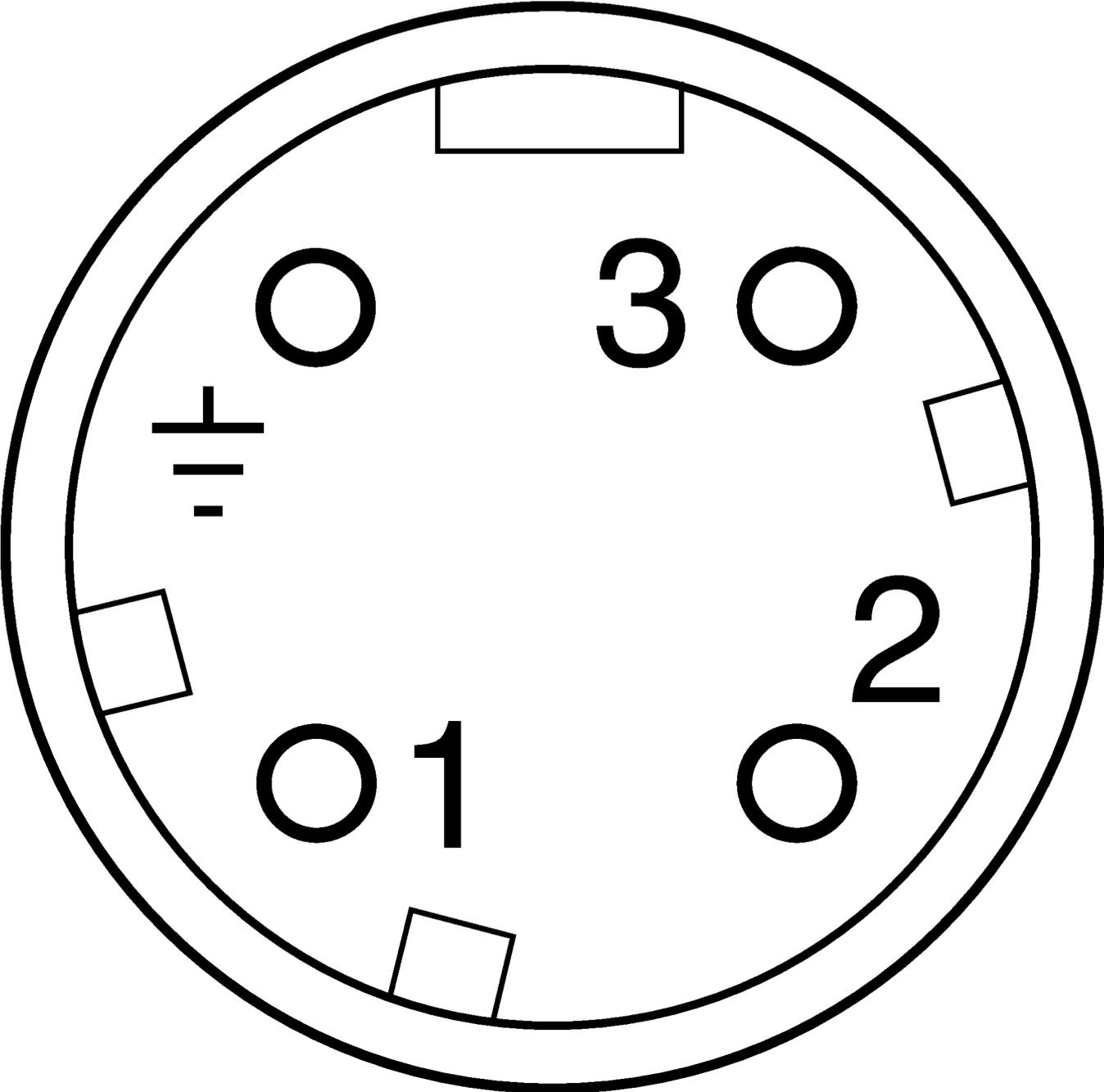
The connecting cable for the read head can be extended using only these self-assembly couplings / plug connectors under the following conditions:

- ▶ The total maximum cable length is 25 m, taking into account the operating distance
- ▶ The cable specified by EUCHNER must be used for the extension (screened, strand cross-section 2 x 0.25 mm²)
- ▶ The plug connector housing must be electrically isolated from the machine ground

Dimensional drawings



Dimensional drawings



Technical data

Electrical connection values

Connection cross section	max. 1 mm ² (Soldered connection)
Rated voltage	250 V
Rated impulse withstand voltage U _{imp}	4 kV
Contact resistance	5 mΩ
Nominal current	6 A

Mechanical values and environment

Clamping range for cable	6 ... 8 mm
Number of pins	3 + PE
Degree of protection	IP67 (in the inserted and screwed tight state)
Ambient temperature	-20 ... +80 °C
Material	
	Contact Brass, nickel plated, 1µm hard gold-plated
	Housing Brass, matte chromium plated

Miscellaneous

C number	
	C1851 Earthing for screened cable