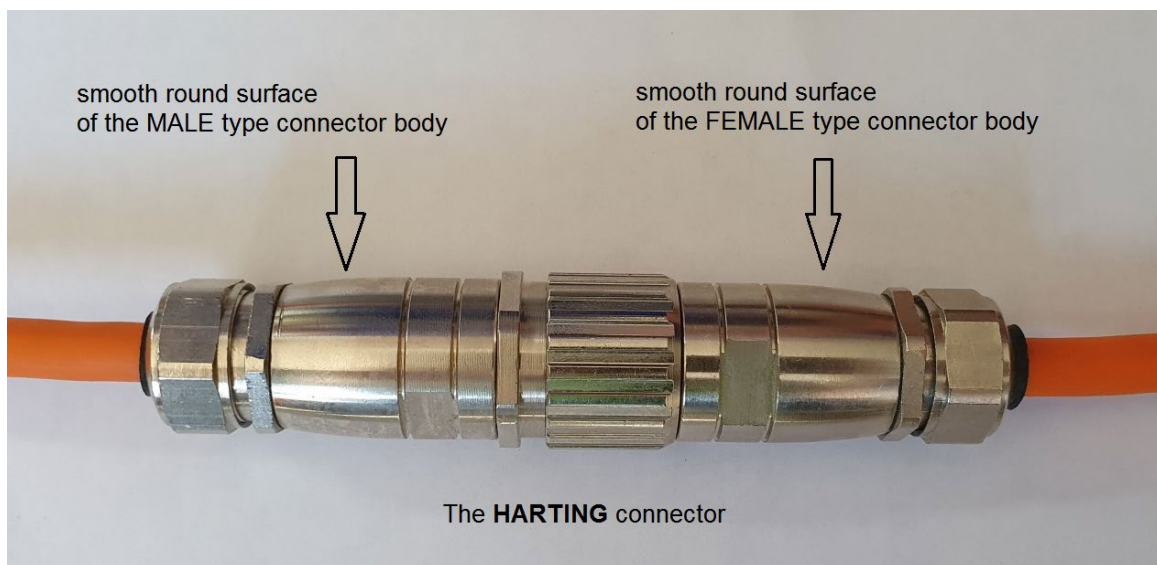


## Installation Instructions – TRANSCON ELECTRONIC SYSTEMS, spol. s r. o.

for the installation of their equipment connected by connectors at airfields

At airfields, when installing the equipment of the company TRANSCON ELECTRONIC SYSTEMS, spol. s r. o. the interconnection of which is implemented by connectors, the connectors shall be protected additionally against the effects of the outdoor environment the following way. After plugging the two parts of the connector together, make sure that the outer surface of the connector is clean and dry, otherwise clean it with an aliphatic solvent (alcohol or equivalent). Then wrap the connector body over the joint with self-vulcanizing rubber tape, e.g. type **3M 2228 Scotch**, **Scotch 23**, **Scotch 130C**, etc., at a sufficient distance on both sides from the joint. It is highly advisable to wrap at least one layer of PVC electrical tape (**Scotch Super 33+** or equivalent), over that rubber tape to prevent possible later sticking to adjacent connectors.

When additionally securing the HARTING connectors used in the modules of the LMS system wrap the tape at least in the range from one smooth round surface of the MALE type connector body to the analogous area of the FEMALE type connector body, see Fig. 1.



**Fig. 1:** The HARTING connector

At airfields with a particularly aggressive environment, e.g. with salty groundwater, etc., we recommend wrapping the entire connector body with tape, i.e. from cable to cable.

The method of additional securing of EFLA isolating transformer connectors is described in the document "AO.KD500.EN\_.pdf" from EFLA, see "Installation Instructions for KD500 series", the section "Additional tape securing" there.