

## *mould grounding cable*

**Art.-No.:** 890-01-10      **price:** 57, - € net price / piece

**Lenght:** 5m

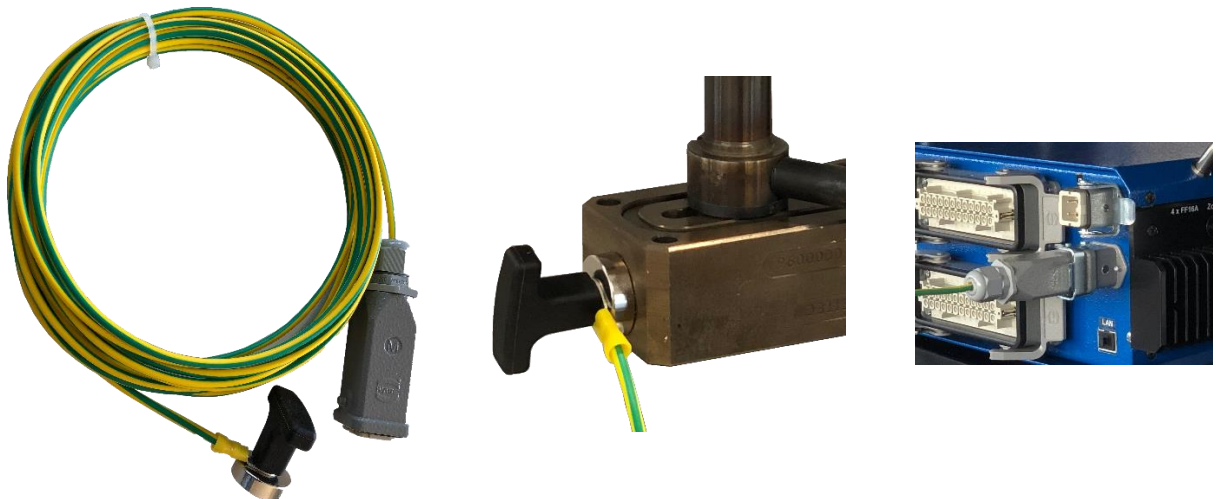
The mould grounding cable is required for tools which are stored insulated for repair purposes on a test station (classic on wooden beams) and have no or insufficient grounding. If these tools are put into operation for test purposes with a control/test device, mains voltage is inevitably applied to the heating cartridges in the mould or hot runner. Damp or defective heating cartridges can cause leakage currents in the mould if there is no or insufficient grounding.

**Warning:** In the event of an extreme or error, an electric shock cannot be ruled out!

**Before carrying out any work on the connecting cables of the heaters, the mould connection cable must be removed or the control/test unit disconnected from the mains supply.**

Furthermore, in most cases non-insulated sensors are used. Via this connection of the sensors to the mould ground, mains voltage from the heating cartridges can be fed back into the control/test unit. In extreme cases, the sensor inputs on the controller/test unit may be destroyed.

Grounding is carried out via the shock-proof contact of the alarm output on the controller and is connected to the tool via a magnet.



**Note:**

With many mould, the grounding contact of the cable is not connected to the mould ground. In this case, too, mould grounding is necessary for heat up the mould outside the machine.

In production, the mould is automatically grounded via the mechanical connection with the injection moulding machine.