

Enable Plug for Interface M12

Order number

91000-400-3089971 Enable Plug Set for Interface M12



Index

Page

1	Symbols and hints.....	3
2	Advisory information for the user	3
3	Operation, Maintenance and repair	4
4	Disassembly / re-use	4
4.1	Safety advice for disassembly and disposal.....	4
4.2	Recycling	4
5	Intended purpose	5
6	Dimensions	6
7	Sequence of replacement	7

IMPORTANT:

This document describes the component specified on the cover only. The manual does not include details about the interaction of the component with other IPT® components within a system.

System related details are found in the system manuals. Please refer to those documents before starting any work on the system or on components within the system or before operating the system.

We reserve the right to carry out technical modifications of illustrations and statements in this instruction manual. References to other IPT documents specifying the document number, do not include the revision index. Refer to the project handbook for a list of relevant documents.

Unless otherwise specified, all dimensions refer to the metric system, i.e. lengths are always in mm unless specified in other dimensions.

Document subject to change without prior notice.

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1 Symbols and hints



Warning of voltage

This symbol can be found in several places in the operating instructions where special care has to be taken due to voltage which is a potential danger to the life of people. Please observe these instructions and be careful in those cases. Please carry out all health and safety regulations to ensure safety to other users as well. Always disconnect the system from the main supply prior to carrying out any work on the energy supply system.



Attention – some hints

This sign draws the attention to parts of the operating instructions where the regulations and advice and correct operational sequence must be observed to avoid any damage or destruction to the energy supply system and its components.



Temperature

This sign draws the attention to parts of the operating instructions where special care must be taken on account of heating of surfaces or on account of inductive heating of ferromagnetic material and where other special measures have to be taken. Please pass on the corresponding advice to other users too.

2 Advisory information for the user



When opened, components of an IPT® system can contain lethal voltage depending on the state of operation.

Non-permissible removal of required components, improper operation, faulty installation or operation involves risk of severe injuries to persons and damage to components.



All electric installation and commissioning works as well as repair works and disassembly have to be carried out by qualified staff (IEC 364 respectively CENELEC HD 384 or DIN VDE 0100 and IEC 664 or DIN VDE 0110 and national safety rules).



Qualified staff according to the safety regulations, are persons that are familiar with the installation, assembly, commissioning and operation of the energy supply system and that have the appropriate qualifications.

Conductix-Wampfler GmbH cannot be held responsible for damage or breakdown that may have been caused by not observing this manual.

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3 Operation, Maintenance and repair



Enable plugs for Interface M12 are not designed for independent operation. They have to be operated in conjunction with corresponding IPT®-Rail components. Therefore no specific details about the operation are given here.

There are no specific maintenance or repair work required.

4 Disassembly / re-use



If it is necessary to exchange the Enable Plugs for Interface M12 due to damage or to install it in another place, verify that no damage will occur during disassembly.

All electric work have to be carried out by qualified staff (IEC 364 respectively. CENELEC HD 384 or DIN VDE 0100 and IEC 664 or DIN VDE 0110 and national safety rules).

Qualified staff according to the safety regulations are persons that are familiar with the installation, assembly, commissioning and operation of the energy supply system and that have the appropriate qualifications.

4.1 Safety advice for disassembly and disposal

1. Disconnect IPT® system from the mains voltage
2. Make sure the system cannot be powered up again accidentally
3. After disconnecting the track supply from the supply voltage wait at least 5 minutes for internal discharging
4. Dismount
5. Dispose of components in a specific way → Recycling.

4.2 Recycling

The unit contains components that have to be disposed of in a specific way. If it is not used any longer, it will have to be recycled properly.

Enable Plug for Interface M12

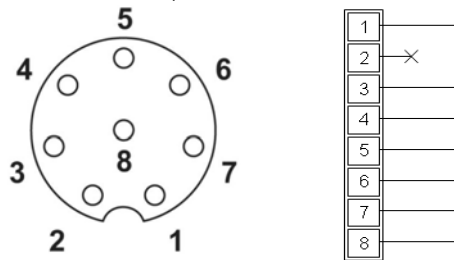
5 Intended purpose

The intended purpose of the enable plug is for use in conjunction with other IPT components.

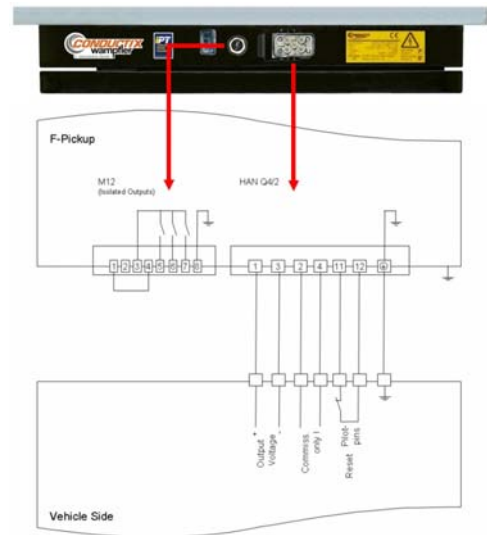
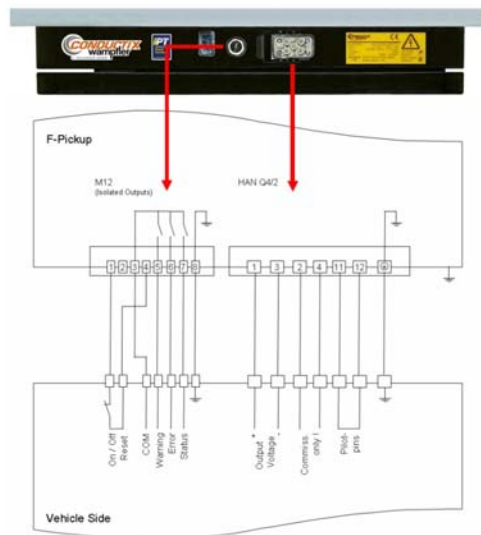
The intended purpose of the enable plug is to bridge pin 1 and 4, i.e. for use in conjunction with 3050777 (but not exclusively).

Please note that the enable plug also shorts all the other pins together except for pin 2 and therefore may not be used with an extension cable if the signal on the other pins (relay) are needed.

(view: contact side)



For further details see operation manual of Pickup or Regulator



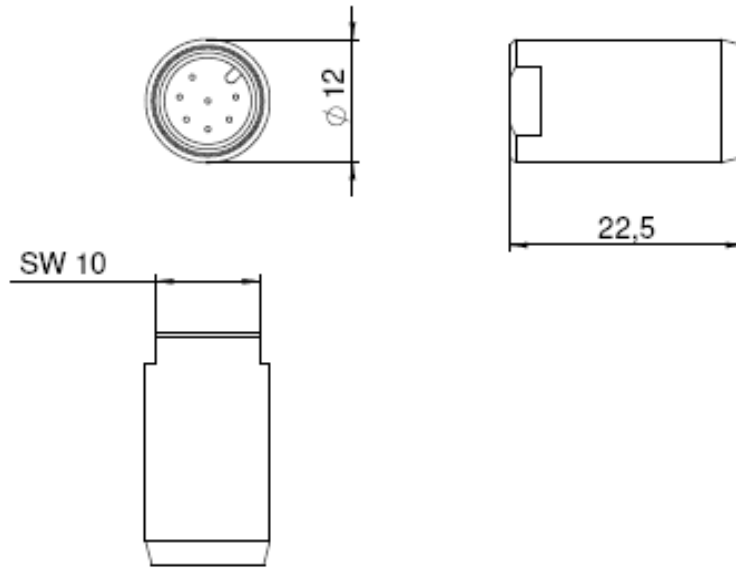
Left: Intended use: external wiring of Interface M12

Right: If no external wiring of Interface M12 is possible enable contacts need to be bridged

e.g. Pickup 91212-332-3050777

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6 Dimensions



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7 Sequence of replacement



Pay attention that orientation of plug and socket correspond!



Ensure that Enable Plug for Interface M12 does not interfere mechanically with anything when in place!



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