

PRODUCT SHEET

# IDFIX-PROG 10k

## 2TLA020070R2600



### IDFIX – identifies Pluto

IDFIX is an identifier circuit which gives each Pluto an address on the bus. It contains an identification code which can be read by the system. The identification code is declared in the PLC program so that the correct part of the PLC program is executed by each specific Pluto. The use of IDFIX is mandatory in a multi-Pluto project, but voluntary if a unit works alone. If one Pluto in a multi-Pluto project needs to be replaced it is possible to let the new Pluto self-load the PLC program from another Pluto on the bus. The IDFIX will ensure that the new Pluto has the correct address on the bus.

There are five different versions of IDFIX: R, RW, DATA, PROG 2k5 and PROG 10k. R is pre-programmed, RW is programmable, DATA is programmable and can also store the AS-i safety codes, IDFIX PROG is for single-Pluto projects only and has a memory for PLC program storage (PROG 2k5 can store 2.3 kB, and PROG 10k can store 10 kB). It can also store the AS-i safety codes in the same way as IDFIX-DATA. IDFIX is connected between the input terminals ID and OV.

### IDFIX-PROG 10k

IDFIX-PROG 10k contains a memory for storage of the PLC program (maximum 10 kB) for single-Pluto projects. When a program is downloaded to Pluto the IDFIX-PROG will automatically be updated. If the Pluto unit needs to be replaced, the new Pluto can self-load the PLC program from IDFIX-PROG by pressing the K button (in the same way as a Pluto can self-load the program over the CAN bus). Only one Pluto is allowed in the project and the IDFIX code is always EEEEEEEEEEE0. IDFIX-PROG can also store the AS-i safety codes in the same way as IDFIX-DATA.

NOTE: “Single-Pluto project” means that the PLC program only contains one Pluto. It is still possible to connect several “Single-Pluto projects”, each with its own program and IDFIX-PROG 10k, together via the Pluto bus.

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