



ifm electronic

## Advantages of the Memory Plug

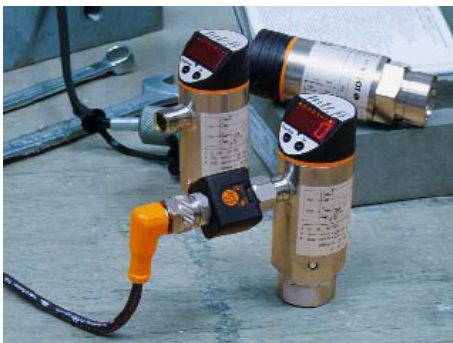


The memory plug ensures...

... parameter setting of the IO-Link sensors from all manufacturers if data storage of the devices is effected according to the IO-Link specification V1.1. The use of the memory plug is manufacturer independent.

... data storage of parameters for IO-Link devices. That means storage of parameter sets and, if required, data exchange between sensor and memory plug.

... parameter storage of connected devices. Besides storage of a parameter set via software or in a file there is now also the possibility to store the data record on the memory plug.



...fast replacement of sensors without new parameter setting in the event of a defect. Replacement sensors are simply connected to the memory plug instead of the defective sensor and they will directly receive the correct parameters stored on the memory plug. If a device of another type is connected, no data is transferred.

...fast commissioning and sensor programming in series at the desk and during production. The memory plug permits series programming of devices of the same type without any further programming tools.

...configuration verification of the connected sensor.

...loading of a parameter set from the sensor or the storage via FDT. On the one hand side the memory plug can be read via the FDT software and, if required, it can be directly written on with the new parameters. On the other hand a parameter set can be written on a blank memory plug.



...easy restoration of the factory settings of the memory plug and selection between the two read and write modes. The FDT software or the teach button can, for example, be used for these settings on the memory plug.