



The extensive memory capacity of this module allows many special features to be included in the software, e.g.:

- communication protocols: – FSC-FSC
– FSC-DS
– ModBus RTU
– ModBus H&B
– RKE3964R
- sequence of event recording (SER),
- report generation, and
- support of printers and video display units.

The COM module is provided with battery back-up circuits for the RAM memory, which enables back-up supply from the batteries on the diagnostic and battery module (DBM, 10006/1/1 or 10006/2/.) or single bus driver (SBD, 10007/1/1).

38.4 Kbaud on COM channel A is only possible if oscillator X1 is placed and solder jumper SO6 closed (see Figure 1).

EPROM types

The 10002/A/1 module supports the following EPROM types:

- 27C512: 64 k * 8 (512 Kb) or equivalent
- 27C1001: 128 k * 8 (1 Mb) or equivalent
- 27C2001: 256 k * 8 (2 Mb) or equivalent

The maximum access time for all EPROM types is 200 ns.

Type coding

If special interfaces are used, the type coding of the COM modules is as follows:

10004 / . / .
┌───┐ Letter of interface (B) bottom
└───┘ Letter of interface (A) top

For example, 10004/H/F is a COM module with:

- Top interface: 10004/H/1
- Bottom interface: 10004/F/1

Empty interface positions are indicated with the number 1.

For details on the various interfaces refer to the 10004/. / 1 data sheets.

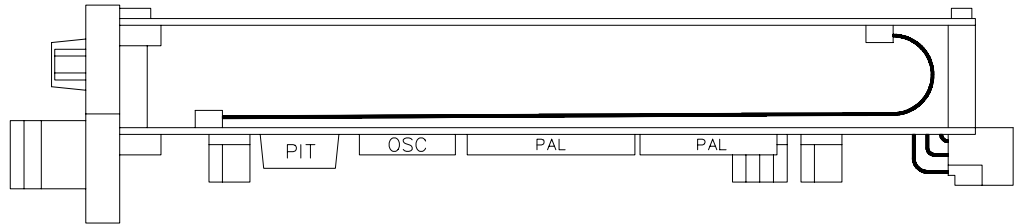


Figure 2 Top view of COM module with interface modules

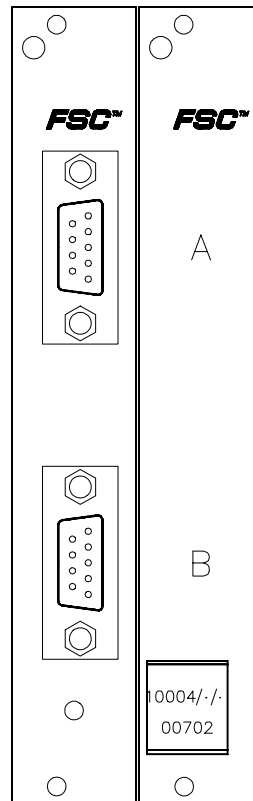


Figure 3 Front view of COM module with two interface modules