

SWAN transmitters can optionally be equipped with a RS485 interface to run the Fieldbus protocol Profibus DP.

Profibus Wiring

Transmitters with Profibus capabilities:

- AMI
- FAM / PAM, Compact 401 / 402, Sodit-race, COPRA

Profibus connectors and cables:

- All transmitters (except PAM) are equipped with a 5-pin female connector “M12 x 1” for the Profibus cable.
- The transmitters are connected to each other with specific Profibus cables and couplings. Profibus cables are with one male and one female plug M12 x 1, straight, B-coded.

Recommended suppliers:

- Phoenix: Sensor Actor Cable M12 for Profibus, e.g.: SAC-2P-M12MSB/ 1,0-910/M12FSB; 15 07 36 6 & T-Coupling, e.g. SAC-M12T/2XM12 PBDP, 145884 see: www.phoenixcontact.com
- Murr: Plug connectors for fieldbus technology (Profibus), e.g. Male straight, 2-Pole, to female straight; 700-44001-8410100 & T-Coupling, e.g. 700-44151-0000000 see: www.murrelektronik.com

Profibus bus termination:

The bus terminator switch on the transmitter Profibus board has to be activated at the beginning and at the end of a Profibus system segment.

Profibus software:

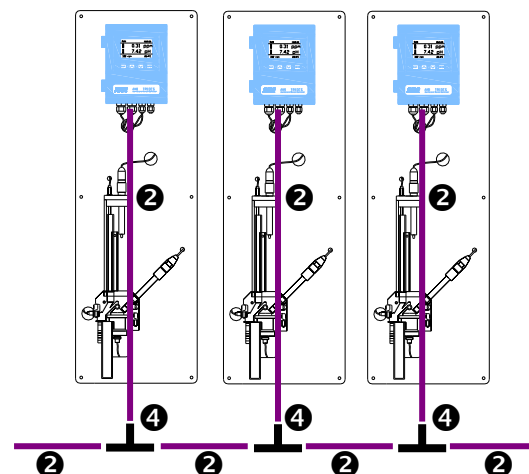
Every transmitter requires a Profibus enabled firmware version.

The bus master requires GSD and DIB files for every transmitter. They can be downloaded from www.swan.ch.

The Profibus software settings is explained in the Profibus interface description manual.



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Schematic installation diagram