Splitting
sytems

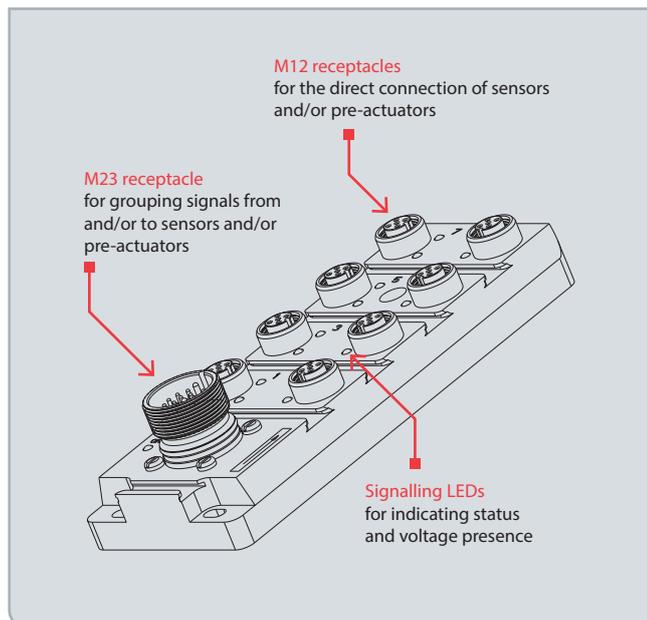**The SENSTRONIC range includes:**
- **wire-to-wire type splitters,**
- **pre-programmed logic splitters,**
- **programmable splitters,**
- **fieldbus splitters.**
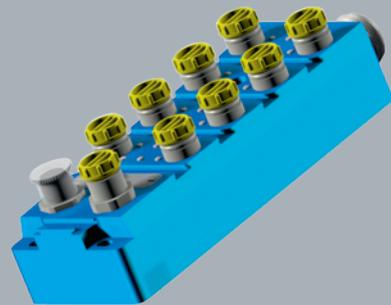
Wire-to-wire type splitters
- Function: input/output concentrator
- Advantages:
  - local connection of sensors or pre-actuators
  - simplified wiring and maintenance operations
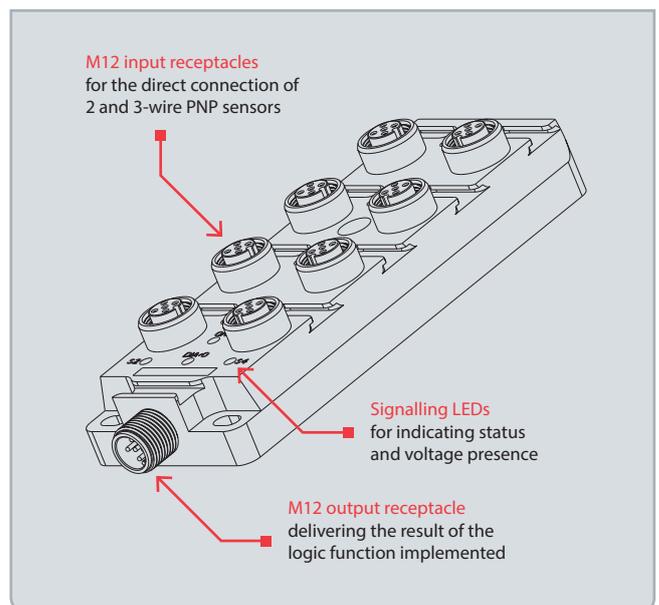 - possibility of LED status indication

M12 receptacles
for the direct connection of sensors and/or pre-actuators

M23 receptacle
for grouping signals from and/or to sensors and/or pre-actuators

Signalling LEDs
for indicating status and voltage presence

- possibility of carrying out specific logic functions and coupling several splitters together
- LED status indication
- numerous logic functions available, and any other logic function can be provided on request

M12 input receptacles
for the direct connection of 2 and 3-wire PNP sensors

Signalling LEDs
for indicating status and voltage presence

M12 output receptacle
delivering the result of the logic function implemented

Programmable splitters
- Function : input concentrator, providing local pre-processing *(in the form of logic functions)* of signals from all types of sensors.
- Advantages:
  - local pre-processing of information
  - reduction in the number of inputs to be handled by the PLC
  - reduced wiring costs

PROGRESS programmable splitter
- Function: stand-alone module allowing small small automated functions *(programmable by the user)* to be provided locally and without a connection box
- Advantages:
  - local input/output processing
  - "zero cabinet" concept
  - reduced wiring costs (M12 receptacles allowing direct connection of sensors and actuators)
  - extension modules available (able to handle up to 48 inputs/outputs)
  - programming by RS232 serial link
  - numerous functions available
  - programming in a Windows® environment (Hyperterminal)
  - removable "PROGMEM" memory cartridge providing backup and programme updating

Special products
SENSTRONIC is at your disposal to discuss special applications or development requests. Do not hesitate to contact our sales department.

4 x M12 receptacle for the direct connection of 8 pre-actuators

M23 receptacle for supplying the PROGRESS module

Programming M12 receptacle for connection to the microcomputer serial port

4 x M12 receptacles for the direct connection of eight 2 and 3-wire PNP sensors

Signalling LEDs for indicating status and voltage presence

M12 receptacle to connect
- either the PROGMEM cartridge
- or the PROGEX input/output extension modules