The Modular Multilane System (MMS) is a flexible and individually configurable multilane system with Active Vibration Compensation (AVC). The simple plug-in system can be used for a centreline distance of 25 mm or more. All Weigh Cells of types SX-M-FS, SL-M-FS and SW-M-FS can be used within the MMS system.

The MMS with optional latest generation AVC is used wherever the weighing results and cycle rates may be adversely affected by vibrations and interference in the machine. In many cases a separate base frame is not required.

The basic module is available with different numbers of slots, as needed for application-specific lane implementations. The appropriate electronic modules for the Weigh Cells, AVC sensor, and communications are plugged into the basic module. The communications system supports all common field bus systems.

You need an individual solution? Please contact us.

/ TO BE USED IN
- Filling machines for vials, syringes, etc.
- In Process Controls (IPC)
- Special machine manufacturing

/ FEATURES
- Modular system
- Individually configurable multilane system with Active Vibration Compensation
- Weigh Cell type SX-M-FS, SL-M-FS and SW-M-FS may be used
- Track distance min. 25 mm
- Separate AVC sensor for Active Vibration Compensation
- AVC sensor compensates for rotational and translational disturbances in the machine
- Separate base frame not required
- Various field bus modules for a wide variety of interfaces

/ OPTIONS
- Basic module with 3, 6, 10, or 14 slots
- AVC sensor
- Various interfaces (CAN, Profibus DP, Profinet IO, Ethernet/IP, EtherCAT, Powerlink)
- Connection cable, 4 different versions, 5m in length
COMPONENTS

AVC sensor
Type AVC13 – 62024655

Electronic module AVC sensor
65001210

CFI module MMS
65001920 - Ethernet/IP
65001930 - Powernet
65001945 - Profinet IO
65001950 - EtherCat
65001960 - Profibus DP V1

Basic module MMS
58000505 - 3 slots
58000530 - 6 slots
58000520 - 10 slots
58000530 - 14 slots

Weigh Cell
SX-M-FS, SL-M-FS or SW-M-FS with option 50 (prepared for AVC)
(Data and dimensions according to separate product information)

Connecting cable
(See below for selection)

Electronic module of Weigh Cell
65001220 Measuring resistor 50 Ohm
65001221 Measuring resistor 100 Ohm
65001222 Measuring resistor 300 Ohm
65001223 Measuring resistor 1000 Ohm
65001230 Measuring resistor 50 Ohm with I/O
65001231 Measuring resistor 100 Ohm with I/O
65001232 Measuring resistor 300 Ohm with I/O
65001233 Measuring resistor 1000 Ohm with I/O

Cover plate MMS – 15028099

CABLE VARIATIONS

25316412 5m, angled female coupling / angled coupling plug
25316414 5m, angled female coupling / straight coupling plug
25316415 5m, straight female coupling / angled coupling plug
25316413 5m, straight female coupling / straight coupling plug
25316412 5m, angled female coupling / angled coupling plug
25316415 5m, straight female coupling / angled coupling plug
25316414 5m, angled female coupling / straight coupling plug
25316413 5m, straight female coupling / straight coupling plug
All measurements in mm  Subject to technical modifications
All measurements in mm
Subject to technical modifications