PRODUCT DATASHEET

Modular Sample-System Modules (ISA 76.00.02)

Surface-mount sample-system modules: field station, conditioning, stream switching

Product page





Close-up: surface-mount substrate with valves and filters

OVERVIEW

The Tech Inc. Modular Sample-System Modules (ISA 76.00.02) builds analyser sample systems from standard surface-mount modules instead of tubing and individual fittings.

TYPICAL DESIGN DATA

Interface	ANSI/ISA 76.00.02 surface-mount, 1.5 inch footprint
Pressure	To about 34 barg (500 psig)
Temperature	To about 120 °C; heated enclosure on request
Codes and standards	ANSI/ISA 76.00.02 interface; pressure parts to ASME B31.3 practice; enclosures to the area classification
Wetted materials	316L; Alloy C-276 or inert coatings on request
Streams	One to eight per switching module
Testing	Helium leak test of each module

MODELS AND CAPACITIES

- **TI-MSM-FS** – field station module
- **TI-MSM-SS4** – four-stream switching module
- **TI-MSM-CAL** – calibration module
- **TI-MSM-C** – conditioning module
- **TI-MSM-SS8** – eight-stream switching module

Indicative module families; systems are built from them to the analyser vendor's requirements.

ORDERING CODE

Example **TI-MSM-SS4-6-H**: **SS4** function: FS field station, C conditioning, SS4/SS8 stream switching, CAL calibration; **6** material: 6 316L, C C-276, I inert-coated; **H** options: H heated enclosure, N none.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: heated enclosure; actuated stream-switching valves; inert-coated flow paths for sulphur and mercury.

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**
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