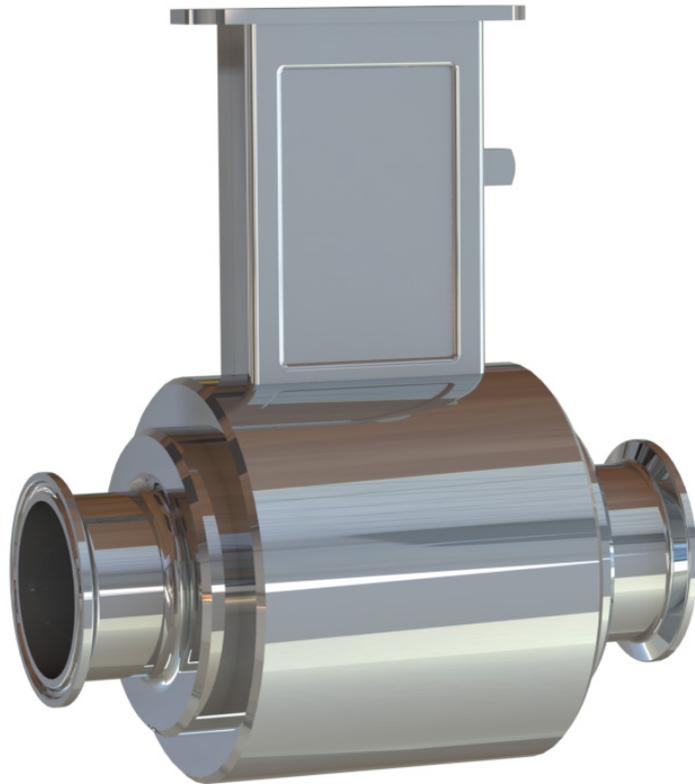




# FM170

Sensor

Data Sheet



## Benefits

- Designed with latest food requirements
- Inspectionable seal, gasket
- Flexible process connections:  
Clamp-, SMS-, welding process connector
- Hygienic design with FDA conformity
- Straight inner pipe diameter without restrictions

## Typical Applications

- Food & Beverages
- CIP
- Dosing
- Filling
- Levelling
- Media transfer

Pressure Measuring Range: PN 0–16 bar (0–232 psi)

Temperature Range: -20°–100°C (-4°–212°F), -20°–150°C (-4°–302°F) remote

Accuracy:  $\pm 0.2\%$



## How to Order

Code Example		Code / Description
Nominal diameter / Measuring range		
T03	T03	DN3 ( 1/8 " ), measuring range 0.. 10.3 / 0...259 l/h (not available for type C connection)
	T06	DN6 ( 1/4 " ), measuring range 0...41.4/0...1037 l/h (not available for type C connection)
	T10	DN10 (3/8 " ), measuring range 0..115.2/0...2880 l/h
	T15	DN15 (1/2 " ), measuring range 0.. 259.2/0...6480 l/h
	T20	DN20 (3/4"), measuring range 0..460.8/0...11520 l/h
	T25	DN25 (1"), measuring range 0 ... 0.72 / 0 ... 18 m3/h
	T32	DN32 (1 1/4"), measuring range 0 ... 1.6 / 0 ... 29 m3/h (only available for DIN 11851)
	T40	DN40 (1 1/2"), measuring range 0 ... 1.8 / 0 ... 45 m3/h
	T50	DN50 (2"), measuring range 0 ...2.88 / 0 ... 72 m3/h
	T65	DN65 (2 1/2"), measuring range 0 ... 4.8 / 0 ... 120 m3/h
	T80	DN80 (3"), measuring range 0 ... 7.2 / 0 ... 180 m3/h
	T100	DN100 (4"), measuring range 0 ...11.2 / 0 ... 280 m3/h
Gasket material (internal seal)		
2	2	O-Ring: EPDM
	3	O-Ring: FKM ( FDA1770 )
	9	O-Ring: To be specified
Connection type		
A	A	DIN11851-852 sanitary connection (*)
	B	Clamp Connection, ISO2852
	C	SMS-1146 Connection (**)
	D	Clamp GB special connection
	E	Tri-Clamp Connection, BS 4825 - Part 3
	F	DIN11850-Range 2 welding connection
	Z	Connection: others (***)
Number and material of electrodes		
1	1	AISI316 (1.4404)
	0	Electrode material: to be specified
Version / Protection Rate		
A	A	Compact version, IP67 protection class
	K	Separate version, AISI 304 JB POLISHED VERSION, IP68 protection degree, 1.5 m immersion - (DEFINE THE CABLE - ADD THE COST)
Approvals		
1	0	Any
	1	3A

Complete example code  
for ordering



FM170-T03-2A1A

(\*) : Use a suitable gasket for the application of cleaning in place (CIP)

(\*\*): With this option the process connection is only suitable for cleaning out of place (COP)

(\*\*\*) : Not available with 3-A mark

In relation to the constant technical development and improvement of its products, the manufacturer reserves the right to make changes and/or modify the information contained in this document without prior notice. The information contained in this document is not binding.