

CORIOLIS TRANSDUCER FMO



MAIN CHARACTERISTICS

Product Type:	Coriolis transducer FMO
Application:	for direct mass measurement of liquids
Measuring accuracy:	< ±0.2 %
Ex-approval:	Zone 1
IP protection:	IP 65 (Connection box for the transmitter)
Process temperature:	-20°C up to +120°C (-50°C up to +210°C)
Process pressure:	up to 1220 bar
Housing material:	stainless steel
Wetted parts:	stainless steel, Hastelloy, Tantalum
Power supply:	12 – 24 VDC / 100 – 240 VAC
Output / Display:	see corresponding measuring transducers
Process connection:	Internal thread, Flange acc. to DIN or ANSI

MEASURING RANGE

Sensor	Qmin	Qmax	Qnom	Max. pmax	Process connection	
					Thread	Flange
Type	(kg/min)	(kg/min)	(kg/min)	Bar(g)		
FMO 015	0.002	0.6	0.6	700	1/4"	DN 15, 1/2"
FMO 03	0.038	5.0	5.0	870	1/4"	DN 15, 1/2"
FMO 04	0.05	10	10	870	1/4"	DN 15, 1/2"
FMO 06	0.15	20	20	510	1/2"	DN 25, 1"
FMO 08	0.30	50	50	1185	1/2"	DN 25, 1"
FMO 12	0.75	100	75	960	3/4"	DN 25, 1"
FMO 15	1.00	200	150	815	3/4"	DN 40, 1 1/2"
FMO 20	2.25	300	300	700	1"	DN50, 2"
FMO 30	5.0	750	600	700	-	DN80, 3"
FMO 40	12.5	1500	1250	290	-	DN80, 3"
FMO 60	45	3000	2500	430	-	DN100, 4"
FMO 80	130	8000	5000	215	-	DN150, 6"
FMO 100	200	12000	10000	150	-	DN200, 8"
FMO 160	600	30000	23000	50	-	DN300, 12"

COMPATIBLE

Transmitter Type FME

Further information and product variants are available on request

