

OM080

GEAR FLOW METER

FLOW RANGE

35...750 L/min
50...1000 L/min
@ 3cP

ACCURACY

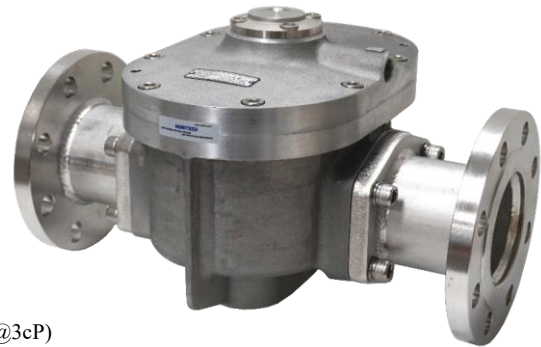
< 0.5%
of Reading

MEDIA

Liquid

SPECIFICATION

MODEL / FLOW RANGE	OM080A : Aluminum Body / 35...750 L/min (@3cP) OM080S : 316LSS Body / 35...750 L/min (@3cP) OM080E : Aluminum Body / 50...1000 L/min (@3cP) (Only available with PPS Rotors)
APPLICATION	Liquid
METER SIZE	3 inch
PROCESS CONNECTION	BSP / NPT Female Thread JIS / ANSI Flange*
ACCURACY	< 0.5% of rdg.
REPEATABILITY	< 0.03% of rdg.
BODY MATERIAL	Aluminum or 316LSS
ROTOR MATERIAL / BEARING	PPS (-15...+120°C) / No bearing 316SS / Carbon Ceramic bearing*
O-RING MATERIAL / MIN. TEMP.	FKM / min. -15°C PTFE encapsulated FKM / min. -15°C* Buna-N (Nitrile) / min. -40°C*
PULSE OUTPUT	Hall Effect (NPN) : 3 wire Open Collector, 5-24Vdc, 20mA max. Reed Switch : 24Vdc X 50mA max.
CABLE ENTRY	M20 X 1.5mm 1/2 inch NPT*
PRESSURE LIMIT	12 Bar
TEMPERATURE LIMIT	-15...+120°C -15...+150°C* (Hall Effect only / SS terminal cover) -40...+100°C*
RECOMMENDED FILTRATION	40 mesh (400 µm)
EXPLOSION PROOF	Exd II B T4 / T6 (Aluminum & SS meters)* Exd I / II B T4 / T6 (SS meters only)*
OPTION	Integral LCD Flow Rate & Totalizer (Model TFM) Cut Rotors for High Viscosity Liquids
TFM FLOW TRANSMITTER	Back-Lighted LCD Flow Rate / Totalizer / Velocity DC4-20mA / Pulse / RS485* Explosion Proof (Exd II C T4)* 24VDC



OM080E



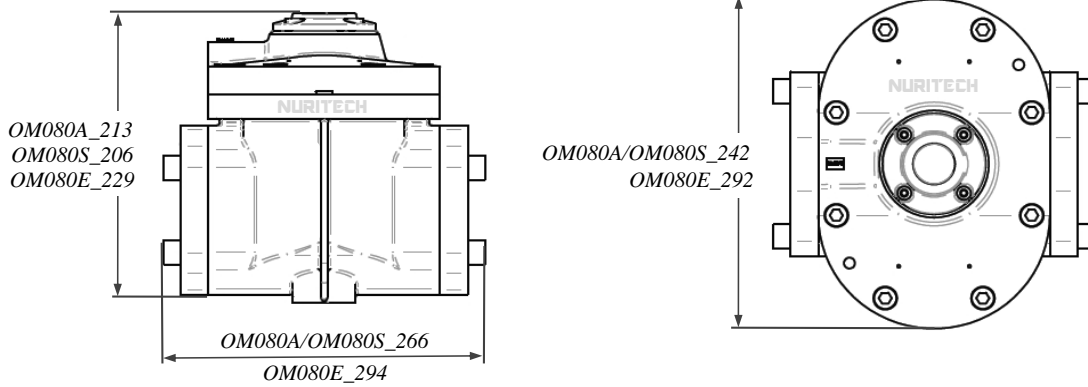
OM080E-TFM

FLOW | PRESSURE | TEMPERATURE | AC | DC | BATTERY | OUTPUT | CONTACT | DISPLAY

* = Optional

DIMENSION (mm)

OM080A / OM080S / OM080E



OM080A / OM080S / OM080E

