

OM SERIES EXPANDED PRODUCT OFFERING -
STANDARD & INTERMEDIATE PRESSURE DISPLAYS & OUTPUTS

GREEN GREEN = AVAILABLE OPTION
GRAY GRAY = OPTION NOT AVAILABLE

OM - OVAL GEAR FLOWMETERS WITH DIGITAL DISPLAY AND OUTPUTS

1	PRODUCT IDENTIFIER											
OM004	1/8" (4mm) OVAL GEAR METER, 1-36 L/hr, 0.26-9.5 USG/hr	004										
OM006	1/4" (6mm) OVAL GEAR METER, 2-100 L/hr, 0.53-26.4 USG/hr		006									
OM008	3/8" (8mm) OVAL GEAR METER, 15-550 L/hr, 4-145 USG/hr			008								
OM015	1/2" (15mm) OVAL GEAR METER, 1-40 L/min, 0.26-10.6 USG/min				015							
OM025	1" (25mm) OVAL GEAR METER, 10-150 L/min, 2.6-40 USG/min					025						
OM040	1.5" (40mm) OVAL GEAR METER, 15-250 L/min, 4-66 USG/min						040					
OM050	2" (50mm) OVAL GEAR METER, 30-450 L/min, 8-120 USG/min (Note 2)							050				
OM080	3" (80mm) OVAL GEAR METER, 35-750 L/min, 10-200 USG/min								080			
OM080E	3" (80mm) OVAL GEAR METER, 50-1000 L/min, 13-260 USG/min									080E		
OM100	4" (100mm) OVAL GEAR METER, 75-1500 L/min, 20-400 USG/min										100	
OM100E	4" (100mm) OVAL GEAR METER, 150-2500 L/min, 40-660 USG/min											100E

2	BODY MATERIAL											
A	Aluminium											
E	Extended flow Aluminium											
M	Intermediate pressure aluminium											
N	Intermediate pressure Stainless Steel											
S	Stainless Steel											

3	ROTOR/BEARING MATERIAL											
00	PPS											
10	High Viscosity PPS											
44	Aluminium/Hardened Steel Roller Bearing (100E only)											
51	Stainless Steel / Carbon Ceramic Bearing											
71	High Viscosity Stainless Steel / Carbon Ceramic Bearing											

4	SEAL MATERIAL											
1	Viton (-15° C min. [5° F])											
3	Teflon Encapsulated Viton / Kalrez (-15° C min. [5° F])											
4	Nitrile (not suited Temp Code 3) (-40° C min. [-40° F])											

5	TEMPERATURE RATING											
-	5	Increased temperature rating for meters with display For temperatures between 80-120° C [176-250° F]										
-	8	80° C max. [176° F] - Standard Rating for meters with display										

6	PROCESS CONNECTION											
0	No fittings											
1	BSPP (G) female threaded (ISO 228)											
2	NPT female threaded											
3	Tri-clamp ferrules (1/2" larger than meter size)											
4	ANSI-150 RF flanged											
	ANSI-150 RF flanged - SS Meters											
5	ANSI-300 RF flanged											
6	PN16 DIN flanged											
	PN16 DIN flanged - SS Meters											

7	CABLE ENTRY											
1	M20 x 1.5mm (M16 x 1.5mm for R4)											
2	1/2" NPT											
6	3 x 16mm drilled holes											

8	INTEGRAL DISPLAYS											
R4	RT40 rate totaliser with pulse or alarm output in Aluminium housing <i>Select cable entry 1</i>											
R5	RT14 rate totaliser with 4-20mA and pulse outputs, in GRN housing <i>Select cable entry 1 or 2</i>											
R6	RT14 IECEx/ATEX Intrinsically Safe rate totaliser with 4-20mA and pulse outputs, in GRN housing - <i>Select cable entry 1 or 2</i>											
R7	RT40 backlit rate totaliser with pulse or alarm output in GRN housing <i>Select cable entry 6</i>											
B4R	EB40 single stage batch controller in Aluminium housing elecromechanical relay - <i>Select cable entry 6</i>											
B7R	EB40 single stage batch controller in GRN housing elecromechanical relay - <i>Select cable entry 6</i>											
B11	EB11 dual stage batch controller in GRN housing <i>Select cable entry 1 or 2</i>											
E18	E018 IECEx/ATEX EXd rate totaliser with 4-20mA and pulse outputs HART communications, in an Aluminium housing (Note 1) <i>Select cable entry 1 or 2</i>											
E19	E018 IECEx/ATEX EXd rate totaliser with 4-20mA and pulse outputs HART communications, in a SS housing (Note 1) <i>Select cable entry 1 or 2</i>											
F15	F115 bidirectional flow rate/totaliser, 4-20mA and pulse outputs, in a GRN housing - <i>Select cable entry 6</i>											
F18	F018 rate totaliser with 4-20mA and pulse outputs and HART communications, in a GRN housing - <i>Select cable entry 6</i>											
F19	F018 Intrinsically Safe rate totaliser with 4-20mA and pulse outputs and HART communications, in a GRN housing - <i>Select cable entry 6</i>											
F31	F130 Intrinsically Safe 2 stage batch controller <i>Select cable entry 6</i>											

9	Calibration											
	Displays in Litres (DEFAULT)											
G	Displays in US Gallons											

Note 1. Not available with OM080, OM080E, OM100, OM100E
Note 2. OM050 with PPS rotors 30 - 500 L/min [8 - 130 USG/min] with lubricating liquids, not for NMI use.

1	2	3	4		5	6	7	8	9
OM025	S	51	1	-	5	1	1	R5	

