



OGM^{PLUS}

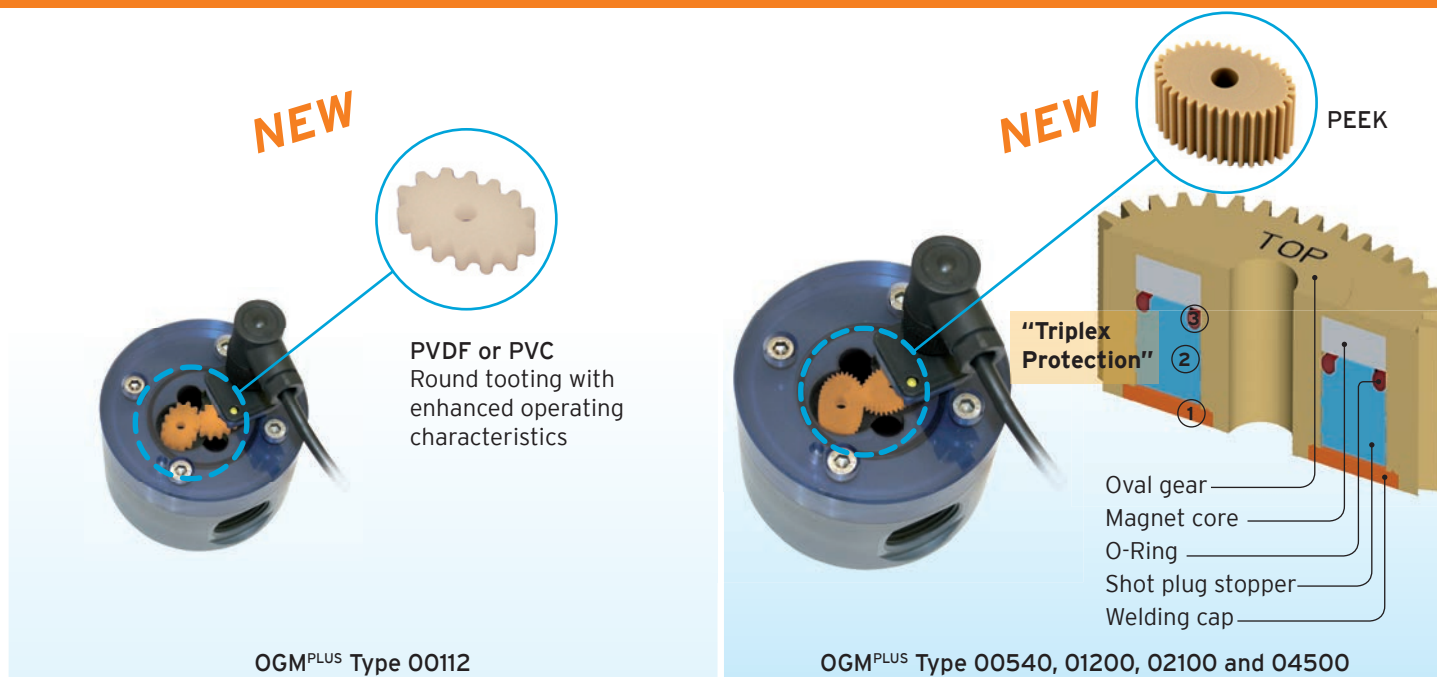
NEW

The PLUS for your measuring and metering application!

Oval Gear Meter^{PLUS} with enhanced chemical resistance

- ▲ New oval Gear with enhanced construction "Triplex Protection"
- ▲ New versions for optimal resistance to chemical
- ▲ Precise volume measurement
- ▲ Reliable process monitoring and control
- ▲ High-grade materials
- ▲ Plug & Play to all EMP Pumps E60 model
- ▲ Adjustable pulse rate in case of connection to PLC





Technical data:

Oval gear meter type: (Article No.)		00112 (280141, 280151)	00540 (280043, 280073)	01200 (280044, 280074)	02100 (280045, 280077)	04500 (280046, 280078)
Recommended for metering pump:		EMP II/KKS (0,9...11,2l/h)	EMP III (16...54l/h)	EMP III (80...120l/h)	EMP IV (140...210l/h)	EMP IV (450l/h)
Flow rate with use of an EMP metering pump [l/h]	min.	0,5	4,8	18	40	60
	max.	13,5	65	144	250	540
Flow rate (continuous flow) [l/h]	min.	1,25	12	45	100	150
	max.	34	160	360	625	1200
Pulse rate for connection to higher-level control system (e.g. PLC)	ml/ Imp	1	5	10	20	50
Pulse rate for connection to E60 electronic (high-resolution)	ml/ Imp	0,01	0,029	0,055	0,133	0,222
Allowable system pressure [bar]	max.	10				
Ambient / fluid temperature [°C]	max.	40				
Viscosity [mPas]	max.	1000				
Accuracy not calibrated (as delivered condition) calibrated under service conditions		± 5 % ± 1 %				
Connecting thread		G1/8"	G1/4"	G3/4"	G1 1/4"	

Reverse Compatibility:

- ▲ Type 00112 (Material No. 280141 und 280151) is not compatible with previous versions. Oval gear with round tooting can not use to the pervious versions.
- ▲ Type 00540, 01200, 02100 and 04500 are fully compatible with previous versions.

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Note: To exchange the oval gear wheel the side with "TOP" must always point upwards. The welding cap must point downwards. The oval gear wheel and the welded-in magnets must be positioned below the sensor.

