




# 2660, 2770, 2700 Series Insertion

Insertion electromagnetic flowmeters with PTFE						
Model Type	Diameter Range	Probe Diameter mm	Fitting	Pressure Rating bar	Features	Technical Data Sheet
2660	80<D<500	34	1 ¼" threadolet	10	Low cost, empty pipe installation	 DS160-0-ENG
2770 A	80<D<500	47	2" threadolet	16	Most popular, wide pipe diameter range, highest pressure	 DS190-0-ENG
2770 B	500<D<1000	47	2" threadolet	16		
2770 C	1000<D<1600	47	2" threadolet	16		
2770 D	1600<D<2000	47	2" threadolet	16		
2700 3	80<D<1000	47	2" threadolet	16	Can be installed under pressure, hot tap	 DS180-0-ENG
2700 5	2000 max	47	2" threadolet	16		
2700 7	3000 max	47	2" threadolet	16		

### Common Features:

Temperature Rating	-40°C to +180°C (for separate version); 60°C for the compact version
Viscosity Range	Viscosity independent
Accuracy	3% of measured value with a flow velocity higher than 0.3m/s; maximum velocity 10 m/s
Fluid Conductivity	Must be greater than 5 microSiemens/centimetre
Body / Internals	PTFE with 316L SS electrode as standard; pipe end 304SS
Protection Rating	IP68 to 1.5 meters (separate version)
Insertion Length	1/8 of diameter
Maximum cable length	100 metres for conductivity > 200µS/cm; 15 metres for conductivity at 5 µS/cm
External materials	304 stainless steel
Output & Power	See converter

### Options:

Electrode Materials	No alternatives
Flow rate, temperature and pressure	Alternate ratings available in different sizes and styles, consult factory for further details.
IS Hazardous Area Version ATEX	Available at extra cost to EEx ia IIC T5 with a threaded body

### Documentation:

Operating and Maintenance Manual	See Converter manual
Installation Drawing	Refer to factory
Conformity:	These products conform to PED and EMC. ATEX option available.

## Flowmeter Specification Sheet

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