

TRIMEC DUALPULSE

Insertion flow transducer.

Stainless steel insertion flow transducer with two independent pulse outputs.

Velocity range: 0.3~10 metres/second.
 Protection: IP68 Submersible.
 Pressure: 80 bar (1500 PSI) max.
 Temperature: Standard: -40~100°C (3 options available up to 200°C).
 Cable length: 3 metres of screened 5 core as standard.
 Material:

Body: 316L SS.
 Rotor shaft: 316L SS.
 O-ring: viton.
 Rotor: PEEK with graphite PTFE impregnated bearing.
 Outputs standard: Transmission to 1000m max.
 Output 1: Voltage pulse self generated, 1.5V x 10µ/sec.
 (2 wire) 220~240 Hz max.
 Output 2: Open collector NPN, 5~24Vdc square wave.
 (3 wire) 220~240 Hz max.



Wide application

Typical industry applications include:
 Hot and chilled water.
 Fire system.
 Thermal energy monitoring.
 Water treatment and reticulation.
 Chlorination.
 Chemical injection systems.
 Boiler feed water.
 Steam condensate.
 Batching systems.

MODEL	DESCRIPTION	PRICE
DP490	Stainless steel insertion flow transducer . Pipe sizes: 40~900mm. (1.5~36") Process connection: 1.5" BSPT (G1.5) or NPT. Flow range: 0.25~6300 litres/second. (4~99600 US gall/min)	\$1135.00
	OPTIONS	Add price
	High temperature: 125°C. c/w term box. 150°C. c/w term box. NPN output only. -60~200°C. c/w term box. Voltage pulse only. Includes IS output.	\$365.00 \$365.00 \$1430.00
	Output type: Reed switch output only. (For use with an IS barrier in hazardous areas). Non magnetic rotor. NPN output. (For liquids with ferrous impurities). Intrinsically safe. Coil output. c/w term box.	N/C \$35.00 \$1065.00
DP525	Stainless steel insertion flow transducer. Suitable for hot tap installations. Pipe sizes: 50~2500mm. (2~100") Process connection: 2" BSPT (G2) or NPT. Flow range: 0.4~49000 litres/second. (6~780000 US gall/min).	\$1315.00
	OPTIONS	Add price
	High temperature: 125°C. c/w term box. 150°C. c/w term box. NPN output only. -60~200°C. c/w term box. voltage pulse. Includes IS output.	\$495.00 \$495.00 \$2073.00
	Output type: Reed switch output only. (For use with an IS barrier in hazardous areas). Non magnetic rotor. NPN output. (For liquids with ferrous impurities). Intrinsically safe. Coil output. c/w term box.	N/C \$35.00 \$1065.00



Construction

A durable peek rotor with a graphite-PTFE impregnated peek bearing rotates around a 3mm diameter 316SS shaft to promote longevity. The body is all 316L stainless steel.

The unique metering head and aerofoil shaped rotor is designed to extend the linear measuring range to cover flow velocities from 0.2~10m/sec.