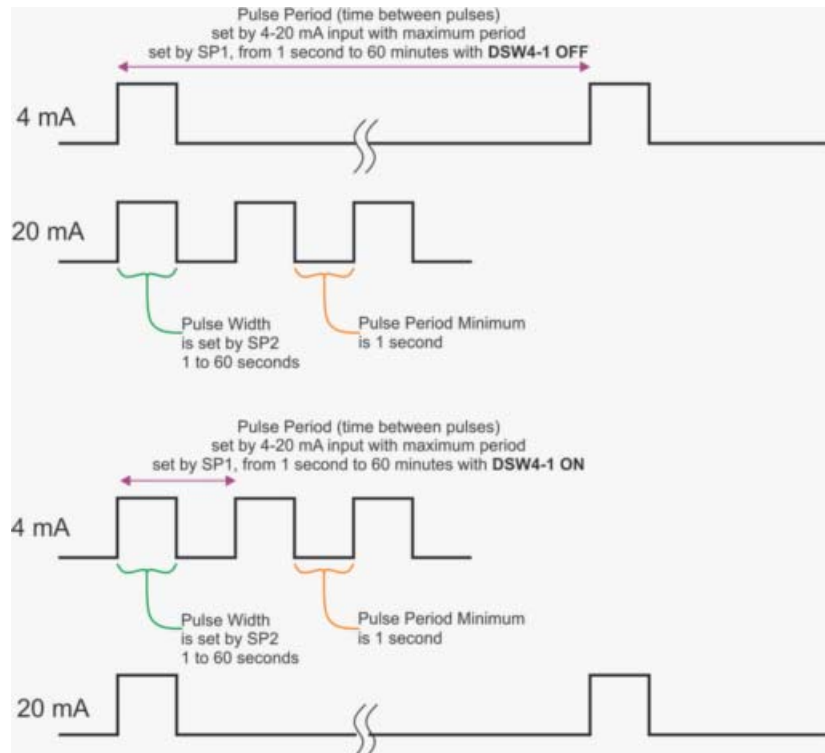


PROCESS SIGNAL TO PULSE PROPORTIONAL CONVERTER



- For dosing applications where the valve or pump “ON TIME’ is set and then the time between the “ON TIMES’ is set by the analogue input
- Low cost proportional control typically for heating or dosing applications such as automated feeding systems.



designed and
manufactured in SA



SPECIFICATIONS:

- Input signal ranges from ± 20 mV to ± 100 V, ± 1 mA up to ± 10 A. Standard inputs 4-20 mA, 0-10 V, etc.
- AC and DC voltages up to 250 V, currents up to 10 A.
- Resistance and frequency inputs also possible.
- Input impedance of >100 k Ω for the voltage input and 50 Ω or less for the current input models.
- Potential free relay contact or transistor output.
- Relay contact rating 230 VAC or 30 VDC up to 5 A resistive load.
- Uncommitted transistor output at 50 V 1 A.
- Internal link selection of normally open or normally closed relay output.
- For an analogue input ranging from say 4 to 20 mA the output Pulse Period (time between output pulses) is set by SP1 from 60 minutes to 1 second.
- Pulse Width set by SP2 from 1 to 60 seconds, fully anticlockwise = 1 second, fully clockwise = 60 seconds. SP2 is a 20 turn trimpot.
- Auxiliary supply options: 24 VDC, 12 VDC, 9 - 18 VDC, 20 to 30 VDC, 18 - 36 VDC, 36 - 72 VDC.
- Power requirement is 2.5 W maximum.
- Isolation between inputs, power supply and output >1000 VDC.
- Operating temperature -10 to 70°C.
- 24 hour operational burn-in.
- DIN rail mounting.
- High quality self-extinguishing polyamide enclosure.
- Screw terminal connections.
- Dimensions 25 x 80 x 85 mm (W x H x D).

dt danntech
PROCESS INSTRUMENTATION

Danntech cc
Reg. No. 1986/15338/23
Tel: +27 (0)11 792-1239
Fax: +27 (0)11 792-4687
P O Box 1023, Fontainebleau, 2032
Republic of South Africa
www.danntech.co.za
www.danntech.com

Danntech Ltd
Co. No. 6510211
Tel: +44 (0) 75 9069 1824
4 Bettys Lane, Norton Canes,
Cannock, Staffordshire, WS11 9NP,
United Kingdom
www.uk.danntech.com