

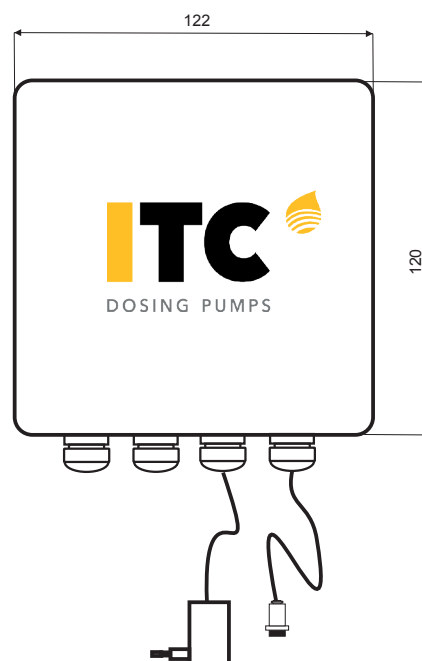
DESCRIPTION

Ref. 20-063 Pulse converter low frequency - high frequency

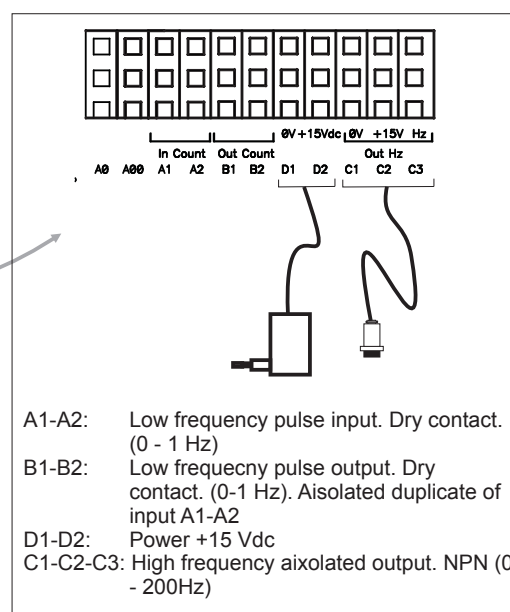
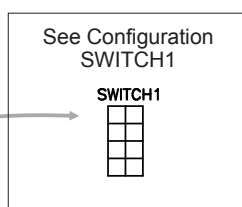
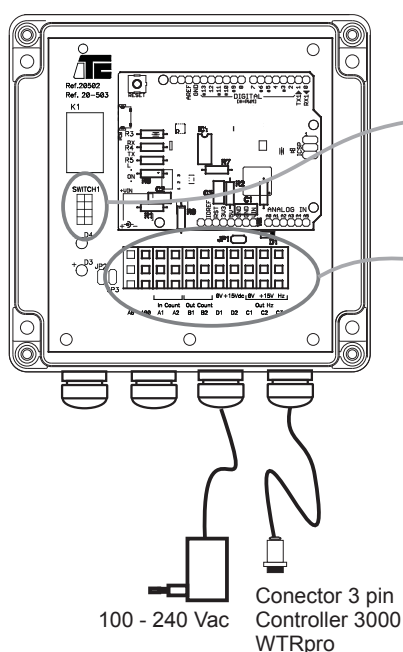
This device converts low frequency input pulses into an isolated low frequency signal (duplicate), and a high frequency output for Controller 3000 o WTRpro.

TECHNICAL FEATURES

Power: 100-240V AC
 Consumption: 100mA
 Working temperature: 0 ... +45°C
 Protection: IP66
 Pulse input: 0-1Hz (dry contact)
 Pulse output:
 Low frequency: duplicate of the pulse input signal.
 Aisolated
 High frequency: 0 - 200Hz (NPN) Aisolated
 Flow reading: by calculation the time between pulses
 Time Flow Zero (TQ0): Time without receiving pulses
 necessary to identify as flow zero (0m3/h) (See
 configuration Switch1)
 Gain (Gain): Output frequency gain (See Configuration
 Switch1)

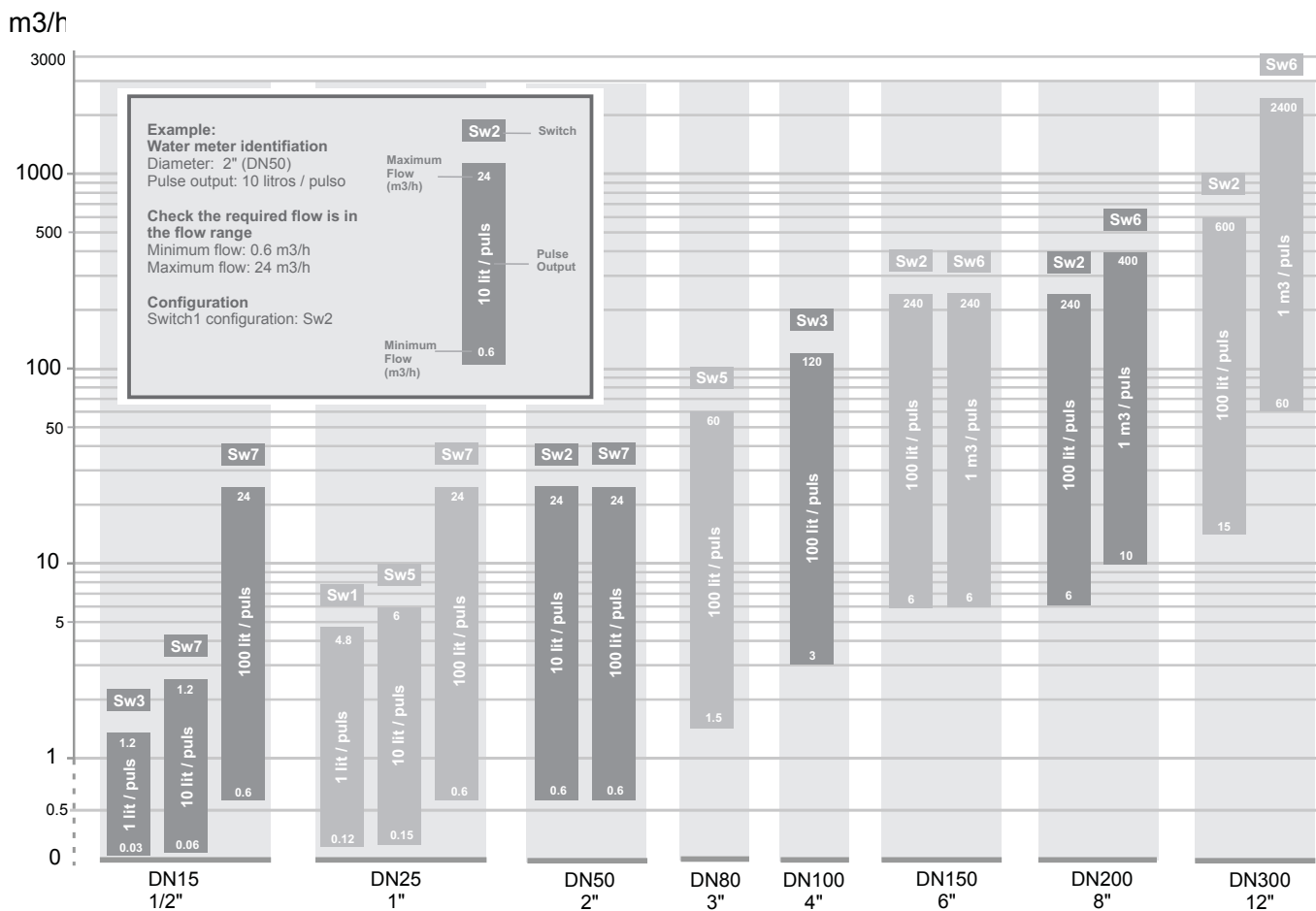


INSTALATION



CONFIGURATION

- Identify your water meter (diameter and pulse output (n liters /pulse))
- Check your flow is in the reading flow range, according to the graph.
- For these specific conditions, check in the following graph the correct value for the Switch1:



CONFIGURATION SWITCH1

SWITCH1	TQO (")	GAIN	K-factor (C3000-WTRpro)				
			1 lit/puls	10 lit/puls	100 lit/puls	1 m3/puls	10 m3/puls
SW0	15	75	75	7,5	0,75		
SW1	30	150	150	15	1,5		
SW2	60	300	300	30	3	0,3	0,03
SW3	120	600	600	60	6	0,6	0,06
SW4	180	900	900	90	9	0,9	0,09
SW5	240	1200		120	12	1,2	0,12
SW6	360	1800		180	18	1,8	0,18
SW7	600	3000		300	30	3	0,3

