

## Electronic Pig Transmission PTI specifications

	PTI-10625	PTI-19152	PTI-25351	PTI-29880	PTI-42080.
Weight	0.26 kg (0.57 lb)	2.0 kg (4.4 lb)	2.2 kg (4.9 lb)	6.8 kg (15 lb)	10 kg (22 lb)
Length	106 mm (4.2")	191 mm (7.5")	253 mm (10")	298 mm (11.7")	420 mm (16.5")
Body diameter	25 mm (0.98")	52 mm (2")	51 mm (2")	80 mm (3.15")	80 mm (3.15")
Threaded holes	1 x M5	6 x M4	8 x M6	8 x M6	8 x M6
		PCD 39 mm	PCD 38 mm	PCD 63 mm	PCD 63 mm
Flange diameter	n/a	72.5 mm	n/a	n/a	125 mm
Bolt holes	n/a	n/a	n/a	Optional **** 8 x 8.5 mm	8 x 8.5 mm
				PCD 112 mm	PCD 112 mm
Optional diameter	n/a	n/a	100 mm	125 mm	n/a
Flange bolt holes	n/a	n/a	8 x 9 mm	8 x 8.5 mm	n/a
			PCD 80 mm	PCD 112 mm	n/a

### ELECTRICAL CHARACTERISTICS

Battery type	1 x AA-size	3 x AA-size	4 x AA-size	4 x D-size	6 x D-size
Battery lifetime alkaline*	n/a	500 h	500 h	500 h	500 h
Battery lifetime lithium*	220 h	1000 h	1000 h	1000 h	1000 h

### APPLICATIONS

Applicable	3" upwards	4" upwards	6" upwards	8" upwards	8" upwards
Bends	1.5D	1.5D	1.5D	1.5D	1.5D
Max. range in air	6.5 m	10 m	11 m	21 m	23 m
Max. cover	2 m	3 m	4 m	6 m	7 m
Switch on/off	no	no	yes	yes	yes
Pressure release	no	no	yes	yes	yes
Signal mode	1:3	FSK, 1:1 to 1:6	FSK, 1:1 to 1:6	FSK, 1:1 to 1:6	FSK, 1:1 to 1:6
Standard adapter	3" 1.5D	4" 1.5D	6" 1.5 D	8"	8", 10", 12"

### ENVIRONMENT

Operation temperature**	-20 to +85 °C (-4 to 185 °F)
Max. operating pressure	200 bar (2900 psi)
High Pressure Version for	PTI-25351, PTI-29890 and PTI-42080: 300 bar (4351 psi)
Storage temperature	+5 to +40 °C (41 to 104 °F)
Shipment Temperature	-20 to +75 °C (-4 to 167 °F)
Humidity	0 to 100 % RH for < 3 month
Altitude up to	15 000 m (49 200 ft)

### SPARE PARTS

O-ring***	1 each	2 each	2 each	2 each	2 each
Size	18 x 1.5 mm	21 x 1.5 mm 51 x 2 mm	42 x 2 mm	70 x 2 mm	70 x 2 mm

\* Based on 1: 3 mode

\*\* Please carefully check the temperature specifications of the batteries used, as they vary depending upon manufacturer.

The temperature range is normally between -10 and +55 °C (14 to 131 °F) for alkaline batteries and between -20 and +75 °C (-4 to 167 °F) for lithium batteries.

\*\*\* Material: NBR 70. Other material for special pipeline contents on request

\*\*\*\* With mounting cage