Rotary shaft encoders

Web Tech AutoWeigh offer a number of different speed sensors. Two popular speed sensors are the WXT and PXT range of encoders. The WXT model is a heavy duty model and is the ideal shaft encoder for harsh industrial environments. The PXT type uses the same hardware but is much lighter in its construction for less harsh environments, such as the food industry.

For Use on

- Conveyor Belts(Tail pulley mounted)
- Conveyor Belt Scales
- Weigh Belt Feeders
- Screw Weighing Systems

STANDARD FEATURES

- Sealed against the ingress of water and dust
- Cable length 3m
- Sealed bearings
- All stainless steel construction

OPTIONAL FEATURES

- Multiplier Board
- Spring coupling (page 2)
- Mounting hardware

Technical	Specification
Voltage:	5 VDC
Current:	20Ma
Temperature Range:	-10^0C to $+40^0$C.
Output:	Dual-Channel Quadrature
PPR	100 PPR
	500 PPR
Optional	2000 PPR
WXT	
Dimensions	160mm x 30mm x 130mm
Shaft Ø(mm)	16mm
Spring coupling	16mm shaft-100mm long
PXT	
Dimensions	75mm diameter
Shaft Ø(mm)	6mm
Weight(Kg)	1kg

**WXT Heavy Duty
Shaft encoder**

**PXT
Shaft encoder**