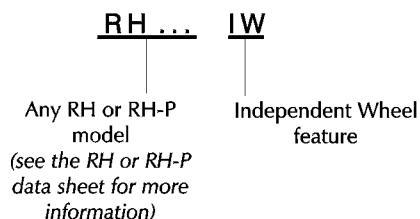
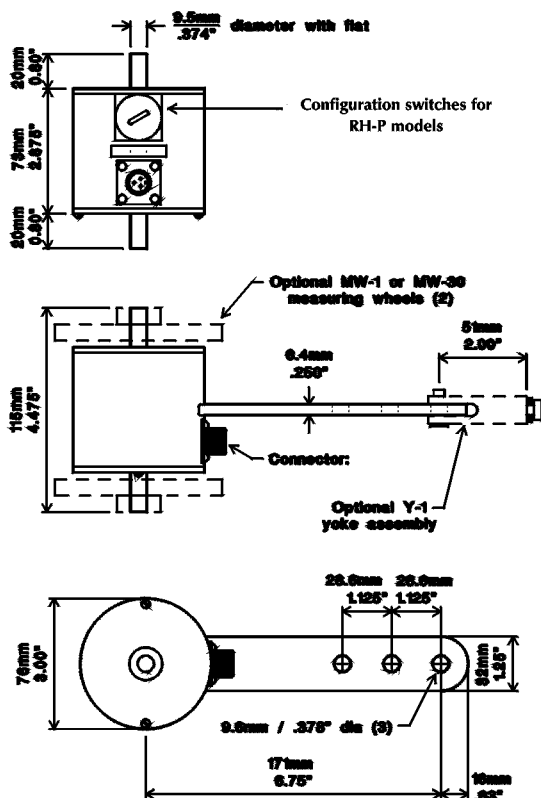


ORDERING INFORMATION



DIMENSIONS



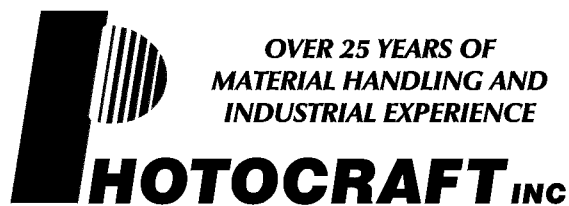
DESCRIPTION

The "IW" feature (Independent Wheel) eliminates premature wheel wear and inaccurate tracking when a double wheeled encoder is used on a curved conveyor section. Without this feature one or both of the wheels on the encoder will slip on the conveyor belt because they are both trying to rotate at a different rate: the wheel on the inner radius of the curve wants to rotate slower than the wheel on the outer radius. The single encoder shaft forces the wheels to rotate at the same rate. The usual result is very rapid wheel wear, and potentially total failure of the bearings.

The IW feature eliminates this problem by replacing the single encoder shaft and pair of bearings with two shafts, each with their own

bearings. Externally, the modified encoder appears identical to our standard wheeled encoder. The difference is that each wheel rotates independent of the other, so that on a curved belt section the wheel on the inner radius of the belt can rotate slower than the wheel on the outer radius. The pulse generating circuitry within the encoder is connected to the wheel farthest from the connector.

All model RH and RH-P wheeled encoders can be supplied with this feature. Other than the wheels rotating independently, models with this feature are identical to standard models.



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