



Tilt Sensing for Mechanical Linkages

Willow Technologies present American Electronic Components' new Durakool DS-120 tilt sensor. This new reed switch based assembly is designed to sense tilt in mechanical linkages in industrial applications.



The device is suitable for switching logic inputs or LEDs directly; but, may also be used to operate relays with suitable circuit protection. The package comes in 2 forms to allow for mounting on both magnetic and non-magnetic materials and needs only one screw to maintain correct positioning.

Incorporating a 1 Form A Ruthenium Reed Switch, rated at 10Watts DC, the device is capable of switching up to 48VDC and carry 400mA..... The device is sealed to IP65 and has an operating temperature range of -40°C ~ +85°C.

The standard product is available with flying leads which can be modified to suit specific customer requirements.

Founded in 1989, Willow Technologies is located in Copthorne, West Sussex in the UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 100 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is ISO9001:2000 registered.

For further information please contact:

John Merrill, Relays Product Manager, jmerrill@willow.co.uk, +44 (0) 1342 717102

