

Applications

Industry / Customer Group	Miscellaneous - Mechanical end switch market
Application	Various, including conveyors and material handling
Country	USA
Product	SMP 8800
Variations	SMP 8500 / SMP 7600 series

Application



Details

In general, the market of the mechanical end switches, and especially of the whisker head end switches, can easily be taken by Telco. These switches are 100% compatible with Telco's proximity series SMP 7000/8000. These end switches are still popular in conveyors and material handling so these are good industries to target.

The disadvantage of a whisker end switch is that the whisker can break or the head can be ripped off so there is a lot of replacement and maintenance required for these products. Also, the detection tolerance will decrease after time and eventually it will become unreliable.

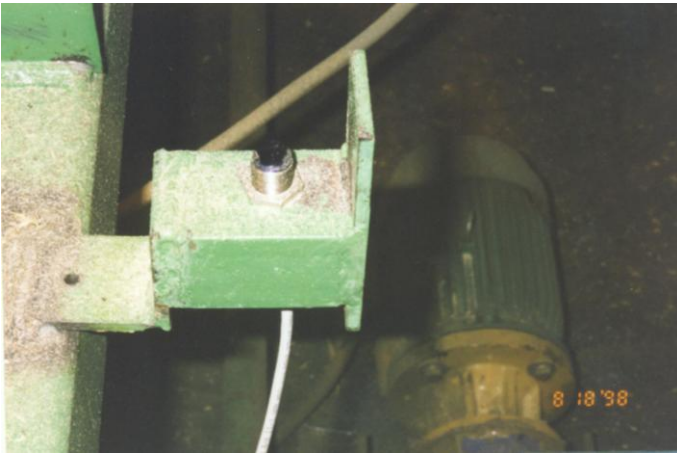
The perfect solution for these types of applications is the Telco SMP. The main advantage is that it is a non-contact device so mechanical damage is reduced to a minimum and no matter which type the application needs, it will always be electrically compatible with the mechanical end switches.

Reference: TELCO 1102211037



As the Telco SMP is electrically compatible with a whisker end switch it is a very easy job to replace the mechanical switch with an SMP 7000 or 8000 series.

It is just a case of fit and forget.



Problems with Whisker Limit Switches

- Whiskers break or the heads get ripped off
- Tolerance of the whisker decreases with time
- High cost to maintain
- Unreliable

Best Advantages of the Telco Replacement

- Non-contact infrared beam with 50 cm sensing range
- AC, 2 wire switch, wires up exactly the same as whisker switch
- Robust metal housing
- Gain adjustment allows sensing distances of 0-50 cm
- Also available in DC

Reference: TELCO 1102211037

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