



Sense



Switch



Control



Fieldbus

Application notes



Application Note : December 2014

Market involved : Materials handling

Product : ICB12, ICB18 series

Customer : -

Subject : Higher reliability in conveyors for materials handling

CUSTOMER ISSUE :

Inductive proximity sensors are subject to mechanical stress and the connection between the cable and the housing is the weakest point.

OUR SOLUTION :

The ICB12 and ICB18 sensors have a good connection between the sensor and the cable thanks to the improved design of the rear part and to the co-moulding process used during the potting.

The electronic components are safely encapsulated in plastic adhesive eco-friendly material.

BENEFITS :

- Higher resistance to vibrations and shocks, thanks to the thinner diameter of the improved oil resistant PVC cable.
- The high performance potting material provides better reliability and high resistance to mechanical stress.