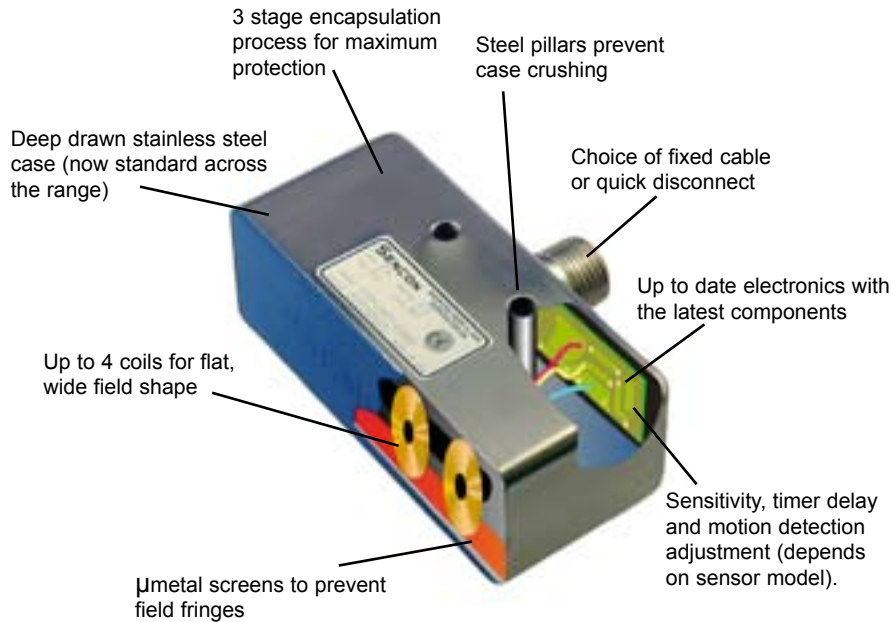


Canline Sensors ...

Why are Sencon's so good?

Upgrade



There is a common misconception that all sensors have similarly shaped sensing fields, so it's often thought that any sensor is as good as any other on a can line. This may be true for low cost, general purpose sensors, but not Sencon sensors. They are specially designed for the practical demands unique to can lines.

For example, when a sensor is flush mounted on a steel deck or fitted between close side-guide bars, it can easily "lock on" or at least become pre-loaded by the adjacent metal unless it has a specially tailored field shape.

At Sencon we have worked hard over the years to create the correct field shape required for can track sensors, because we know the important difference this makes in practice.

Another problem is that many general purpose sensors have a field with twin lobes that leaves a surprising blind spot in the centre. This can lead to intermittent problems on many can making applications.

This is why some of Sencon's recent models have no less than four sensing coils, each with a custom ferrite core plus special soft iron field shapers to give optimum performance.

"Can track sensors are all the same, any one will do the job, right?" **WRONG!** Selecting the correct sensor is an essential factor in achieving efficient, reliable can line controls. The graphic above shows some of the important features of a well engineered can track sensor.

MAKING THE RIGHT CHOICE

Trackwork sensors may seem like they're just a small part of your line control system, but they can make a big difference to smooth can flow and consistent productivity.

If you want optimum efficiency and zero failures, then it's attention to detail that counts. Sencon sensors continue to offer the best in dedicated can line control.

The depth (or 'reach') required by a sensor's field is heavily dependent on the size and material of the target. Steel and aluminium cans behave differently in this regard, so at Sencon we optimise our sensors for both materials and always quote distances to steel and aluminium DWI cans.

It is this attention to detail that has made Sencon sensors the industry standard for canline installations for thirty years. New technologies and better production methods have now enabled us to improve the performance and capabilities of our sensors even further. The entire range has been upgraded to stainless steel cases, with redesigned electronics that make use of the latest components.