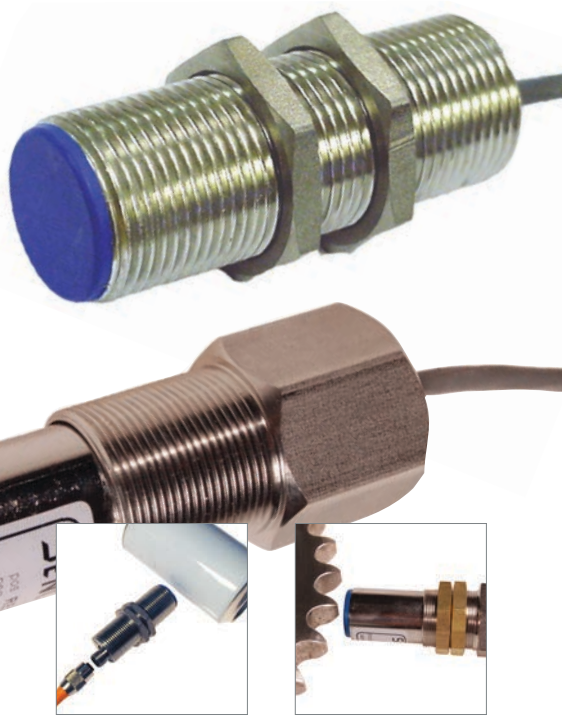
SENCON
SENSING • TESTING • GAUGING

High Performance Sensors

For machine control applications where crisp response and repeatability are crucial

Sencon's High Performance Sensors are specially designed metal sensing devices which are ideal for highly demanding machine control applications in canmaking machines such as bodymakers, printers, spray machines and neckers



- **Thermally stabilized with a wide operating temperature range**
- **Optimized for aluminum and steel detection**
- **Resistant to shock, vibration, coolant oils and humidity**
- **Zero-drift stability and fast response time**
- **Low differential travel**
- **Safe from static interference, uninterrupted performance**

Ordering Information

CODE	SENSING RANGE (TYPICAL) ALUMINUM CAN	STEEL CAN	CASE TYPE	CABLE TYPE
9-352-03	0.325 + 0.025" 8.25 mm +0.64 mm	0.450 + 0.025" 11.43 mm +.64 mm	J	3m (10') Integral cable
11-251-03	0.250 + 0.05" 6.35 mm +1.3 mm	0.300 + 0.05" 7.62 mm +1.3 mm	H	Quick disconnect
9-251-03	0.250 + 0.05" 6.35 mm +1.3 mm	0.300 + 0.05" 7.62 mm +1.3 mm	G	3m (10') Integral cable

PLEASE NOTE: 11 series sensors are not supplied with a cable.

Optional Extras

CODE	DESCRIPTION	
QDC-6F-4S	Cable	2 m (6ft) Cable with straight connector
QDC-16F-4S	Cable	5 m (16ft) Cable with straight connector
QDC-32F-4S	Cable	10 m (32ft) Cable with straight connector
QDC-6F-4R	Cable	2m (6ft) Cable with right angled connector
QDC-16F-4R	Cable	5 m (16ft) Cable with right angled connector
QDC-32F-4R	Cable	10 m (32ft) Cable with right angled connector

Other cable lengths and connector styles are available, please contact your local Sencon sales office for details.

CONTROL DOWN THE LINE WITH THE WORLD'S MOST WIDELY USED CAN MAKING SENSORS

Uniquely designed and precision made by Sencon, exclusively for the metal packaging industry

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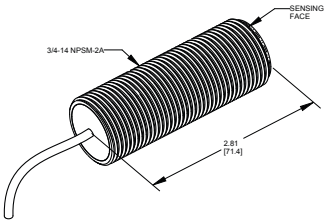
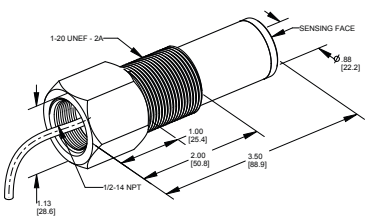
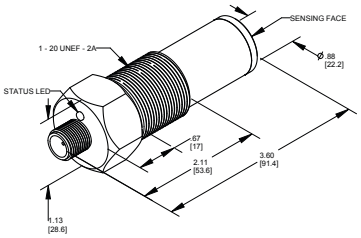
TECHNICAL SPECIFICATIONS

Can Material:	Aluminium & Steel		
Operating Voltage:	10.5 - 40 VDC		
Connection:	sink(PNP) / source(NPN)		
Operating Temperature:	0°C to 82°C (32°F to 180°F)		
Differential Travel:	0.025" (0.6 mm) max		
Construction:	Stainless Steel		
Case Style	**J** 	**G** 	**H** 
Length	**71.4mm (2.8”)**	**88.9mm (3.5”)**	**34.8mm (1.37”)**
Diameter	**26.4mm (1.03”)**	**22.2mm (0.88”)**	**22.2mm (0.88”)**
Hex Nut (across flats)	-	**28.6mm (1.13”)**	**28.6mm (1.13”)**
Weight			

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HIGH PERFORMANCE SENSORS

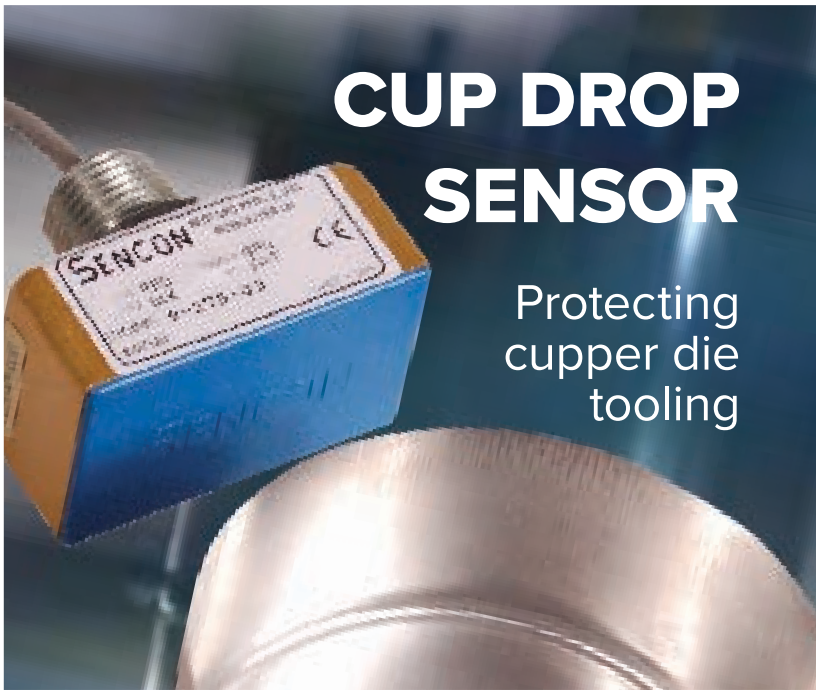
HIGH PERFORMANCE: Sencon's High Performance Sensors are specially designed metal sensing devices which are ideal for highly demanding control applications in can making machines such as bodymakers, printers, spray machines, and neckers.

COMPLETE AND COMPATIBLE: All High Performance Sensors are equipped with both source (PNP) and sink (NPN) outputs, and are supplied complete with the required mounting nuts.

RUGGED CONSTRUCTION: All Sencon High Performance Sensors are fully encapsulated in non-hygroscopic materials, and are highly resistant to shock, vibration, coolant oils and humidity.

- **251 Series Sensors are encased in all-metal housing with a plastic end sensing tip.**
- **352 Series Sensors are encased in stainless steel threaded tube with an injection-molded sensing tip.**





WORLDWIDE SUPPORT YOU CAN TRUST

We are committed to providing the best customer support worldwide with service engineers based in North and South America, Europe and Asia backed up with technical support from experienced industry specialists based at three technical support centers – you can trust Sencon.

Technical support is easily accessible through our 'Quick Assist' QR codes which offer support via WhatsApp*, email, web chat and telephone. Additionally, our online knowledge base provides support resources for all Sencon products.

***only available in Europe, Asia, Africa and Oceania**



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