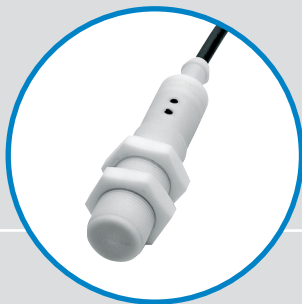


Reliable for use in all branches of industry.

Three housing designs. Four types.

18 or 30 mm cylindrical threaded housing, or a rectangular housing having an active sensing surface equipped with a 35 mm sensing face. The size of the sensing surface determines the choice of which sensor should be used. The larger it is, the greater the sensing distance, starting 3 to 8 mm for the CM 18 and ranges to 25 mm for the CM 30 and the CQ 35.



Electro-magnetic interference? No problem!

Even exercising the greatest of care, electro-magnetic interference in manufacturing and storage systems can never be totally eliminated. Solenoid valves, relays and switches or frequency converters in close proximity, or electro-static discharges from the contents in a container or silo have very little effect upon SICK capacitive sensors.



They are all robust and resistant to aggressive chemicals.

The capacitive sensors supplied by SICK are suitable for extremely adverse industrial environments. Protection to IP 67 is Standard, and in aggressive environments, the CM 18 PTFE operates particularly well. Due to its PTFE housing it resists virtually all chemicals, acids, alkalis and solvents, and is particularly hygienic – an advantage not only for food processing, but also, for the petro-chemical industry and in the semi-conductor industry for wafer manufacture.





Presence, filling, checking, testing. In every branch of industry.

Level and feed monitoring – that is one of attributes of capacitive sensors, irrespective of whether it involves a solid material such as paper or wood, granules or liquids. They reliably detect the status of the product in the production process and during final inspection.

Presence is enough.

Metallic or non-metallic, solid or liquid, compacted or powder-like. Not all materials sensed by a capacitive sensor react in the same way. Nevertheless, they are detected equally well by a sensor, irrespective of their properties. Their mere presence in the electro-static field of the sensor detects any material, which is non-gaseous. Water-based materials are particularly easy to detect.

Close at hand, but no disruption to work activity.

Capacitive sensors supplied by SICK are always convenient to use. Sensing ranges between 8 and 25 mm allow clearance in almost any installation situation and they are extremely adaptable for a wide range of applications.

As a result, these sensors remain unaffected by interference and malfunctions. Impurities and contamination, dust and airborne spray particles have little effect upon them as does electro-magnetic interference. No wonder that they are installed in the most diverse branches of industry. In the food industry, car industry or in storage and conveying technology.

