



Detection of magnets

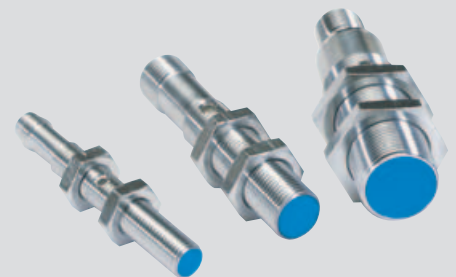
Very high switching distances and detection of permanent magnets through material are possible using accurate and reliable magnetic sensors.

The complete series – versatile throughout.

For a specific task, but for the most diversified types of application. Pneumatic cylinders and magnetic cylinder sensors together do not simply resolve functional problems: they enable simple handling and thus quick installation, are very reliable and thus enable positive switching operations to be accomplished. They are highly robust and have a variety of uses.

A unit with versatility: Reliable technology.

High or low switching frequencies, differing requirements in terms of accuracy of the switching points and in the immunity to interference in arduous industrial environments: Magnetic sensors need to operate in any type of environment.



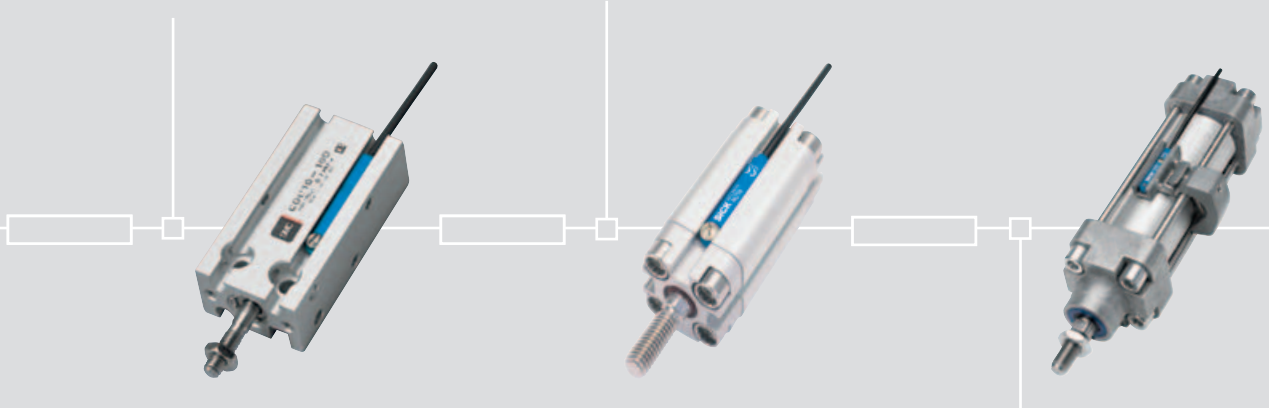


N1: Perfect position for safe switching.

Even in the “C” slot there’s a lot going on, even if nothing can be seen, because the MZN1 and RZN1 sensors can drop down into the slot from above and lie securely in the bottom of the slot. Reliable switching is thus guaranteed. MZN1 and RZN1 fulfil their function reliably and accurately, in a variety of electrical options.

T6: The latest innovation for installing into slots – ingenious details for professional installation.

“T” slot cylinder sensors are innovative from an installation point of view: MZT6 and RZT6 are the ingenious end result acquired from an intensively developed design concept. They are simply installed into the slot from above and fixed into position using a standard Allen key or screwdriver. They are well protected, cannot move and are secure. With their high level of protection due to their enclosure rating IP 68 and their certification to ATEX-3D/3G, they can even be used in difficult locations.



Sensor, adapter, cylinder profiles: Three options for all circumstances.

Once again, an amazing product developed by SICK: Three mounting adapters are available for fixing the sensors of the T1 and T6 Series securely in a fixed position on a wide range of standard cylinders.

