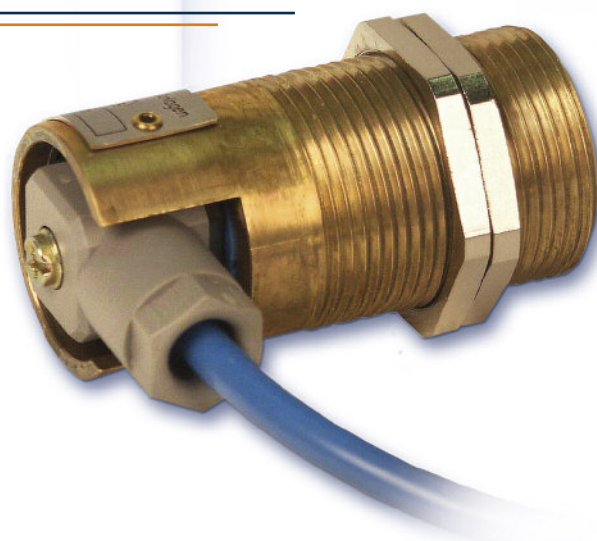




We give
impulses >>>



- iN(F)A22
- iNA05-09
- iNA14

PROXIMITY SWITCHES

FOR RELIABLY MEASURING +
EVALUATING MOVEMENTS

THE PROXIMITY SWITCHES

OF TIEFENBACH CONTROL SYSTEMS...



HAVE BEEN ESPECIALLY DEVELOPED FOR THE RELIABLE, WEAR-FREE AND MAINTENANCE-FREE MEASUREMENT AND EVALUATION OF MOVEMENTS AS INSTRUMENT FOR MONITORING CONVEYOR AND CRANE SYSTEMS, TRANSFER LINES, BELT TRACK; AND MACHINE CONTROLS.



The almost inertia-free INAMUR-type proximity switches are two-wire sensors and provide an electrically processible signal when actuated.

The non-contact position measurement is effected by means of magnets or metallic targets which cause an attenuation of the oscillator when approaching the active sensing surface.



Thanks to the use of corrosion-resistant materials the proximity switches are largely unaffected by external influences.

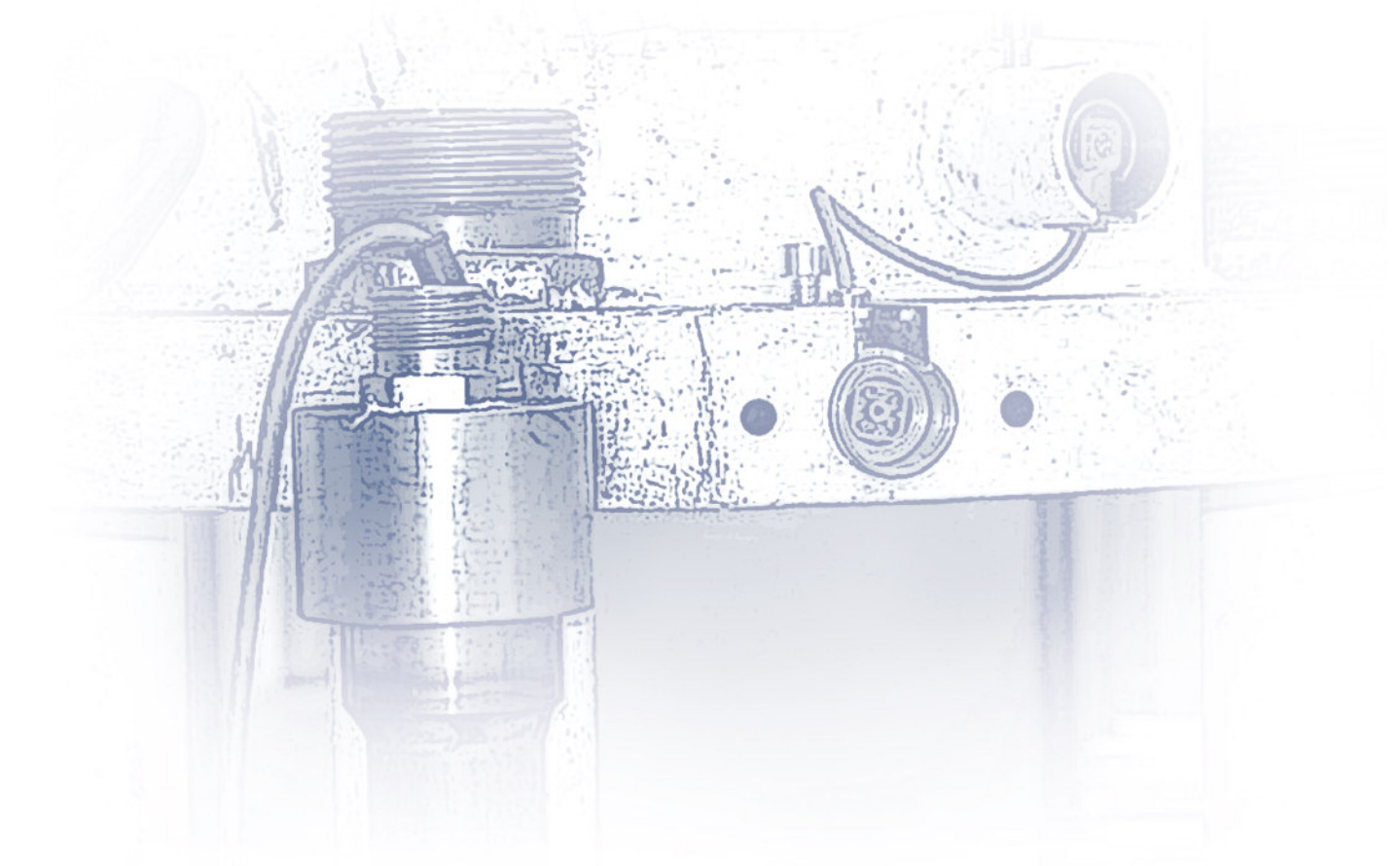
They can be installed in any desired position.

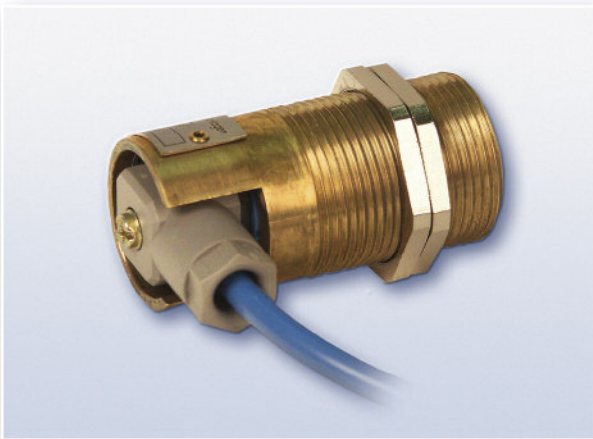


All proximity switches are certified according to Directive 94/9/EC (ATEX).



TIEFENBACH CONTROL SYSTEMS OFFERS OPTIMUM SOLUTIONS FOR THE MOST VARIED MEASUREMENT + EVALUATION OF MOVEMENT APPLICATIONS



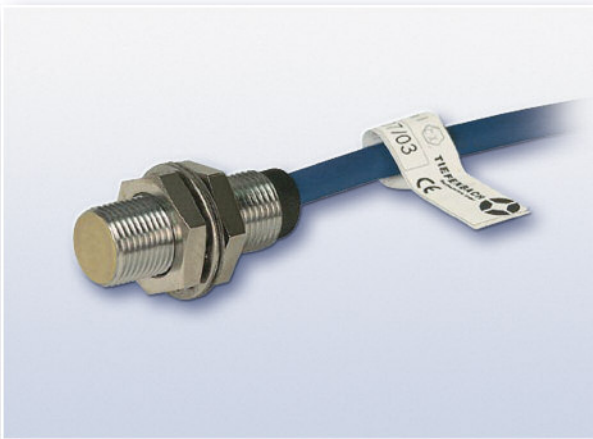


PROXIMITY SWITCH

iN(F)A22

non-contact signal transmitter acc. to EN 50227 (NAMUR)

- Nominal switching distance 10 mm
- Operation by means of a metal target (variant iNA22)
- Operation by means of a magnet (version iNFA22)
- Almost inertia-free due to an electronic oscillator circuit
- High safety against interfering pulses
- Wear-resistant and maintenance-free
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)

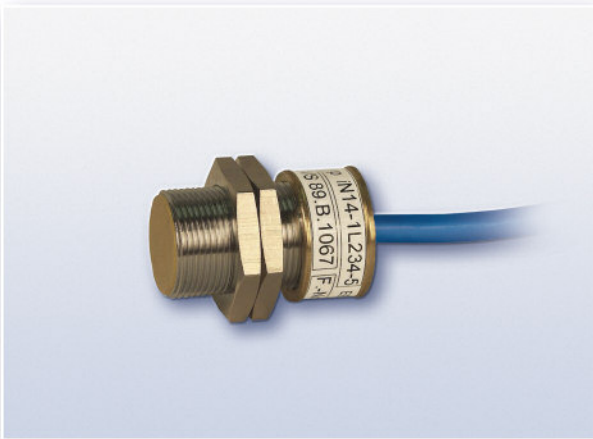


PROXIMITY SWITCH

iNA05-09

non-contact signal transmitter acc. to EN 50227 (NAMUR)

- Small in size
- Nominal switching distance 1 mm (iNA05) and 2 mm (iNA09)
- Operation by means of a metal target
- Almost inertia-free due to an electronic oscillator circuit
- High safety against interfering pulses
- Wear-resistant and maintenance-free
- Type of protection: IP 65 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)



PROXIMITY SWITCH

iNA14

non-contact signal transmitter acc. to EN 50227 (NAMUR)

- Nominal switching distance 5 mm
- Operation by means of a metal target
- Almost inertia-free due to an electronic oscillator circuit
- High safety against interfering pulses
- Wear-resistant and maintenance-free
- Type of protection: IP 65 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)

We give
impulses >>>

TIEFENBACH
Control Systems GmbH



Tiefenbach Control Systems GmbH · Rombacher Hütte 18a · 44795 Bochum
Telephone +49 (0) 234 - 777 66-0 · Fax +49 (0) 234 - 777 66-999
info@tiefenbach-controlsystems.com · www.tiefenbach-controlsystems.com