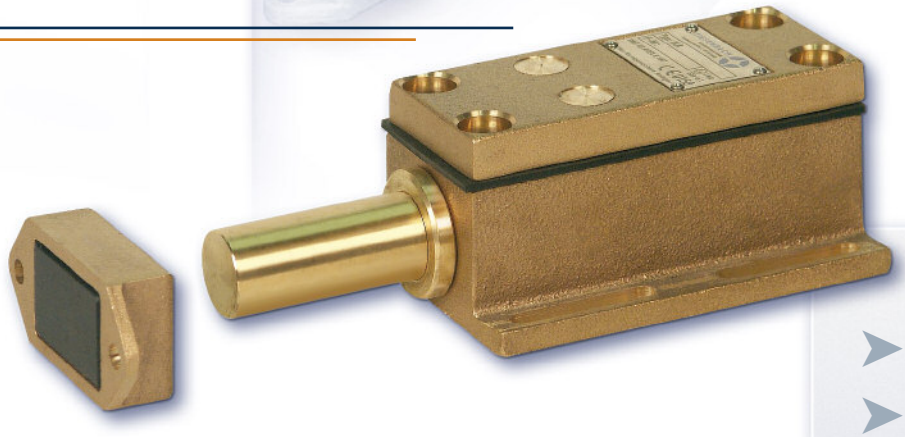
TIEFENBACH
Control Systems GmbH

We give
impulses >>>



MAGNET SWITCHES

FOR POSITION MEASUREMENTS +
END POSITION MONITORINGBY MEANS
OF MAGNETICALLY OPERATED CONTACTS

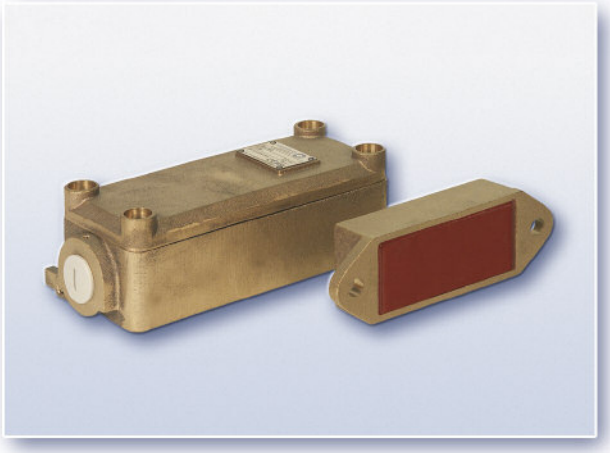
- iKA002
- iKA167
- iKA168
- iKA177
- iKA209
- iKA232/234
- iKA509

THE MAGNET SWITCHES
OF TIEFENBACH CONTROL SYSTEMS...

>>> HAVE BEEN ESPECIALLY DEVELOPED FOR RELIABLE, WEAR-FREE AND MAINTENANCE FREE POSITION MEASUREMENTS + END POSITION MONITORING

- The position measurement is conducted by means of reed contacts which are designed as normally open or normally closed contacts or, for line monitoring tasks in safety-relevant monitoring systems, as diode or resistor combinations. The monostable or bistable contacts are activated via a permanent magnet and provide a signal that can be processed electrically.
- Thanks to the use of corrosion-resistant materials the magnet switches are largely unaffected by external influences. They can be installed in any desired position. The reed contacts are embedded in cast resin in order to ensure adequate safety with respect to explosion protection.
- All magnet switches are certified according to Directive 94/9/EC (ATEX).

>>> TIEFENBACH CONTROL SYSTEMS OFFERS OPTIMUM SOLUTIONS FOR THE MOST VARIED POSITION MEASUREMENT + END POSITION MONITORING APPLICATIONS

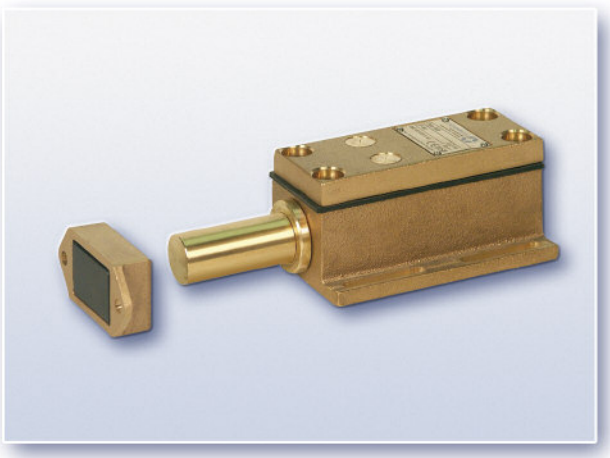


MAGNET SWITCH

iKA002

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

- rugged design
- connection via terminal housing
- any fitting position
- almost inertia-free due to use of reed contacts
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC



MAGNET SWITCH

iKA167

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

- small and rugged design
- connection via terminal housing
- any fitting position
- almost inertia-free due to use of reed contacts
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC

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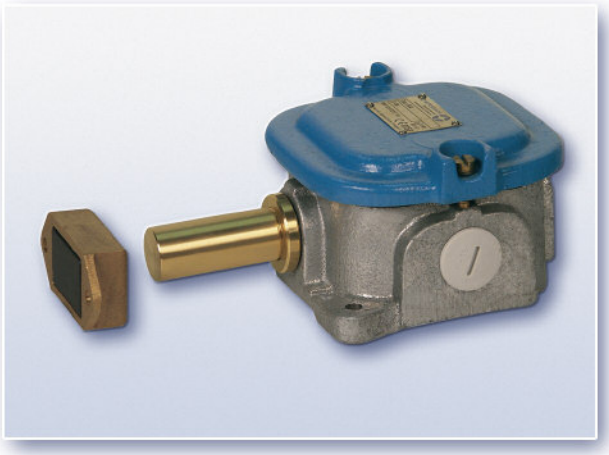


MAGNET SWITCH

iKA168

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

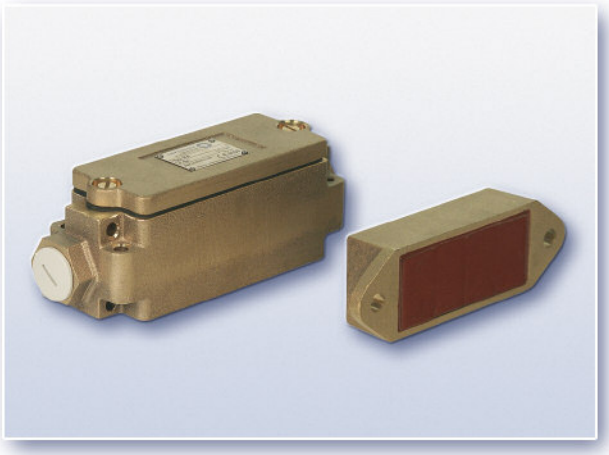
- small and rugged design
- connection via terminal housing
- any fitting position
- almost inertia-free due to use of reed contacts
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC

MAGNET SWITCH

iKA177

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

- small and rugged design
- connection via cable
- any fitting position
- almost inertia-free due to use of reed contacts
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 65 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC

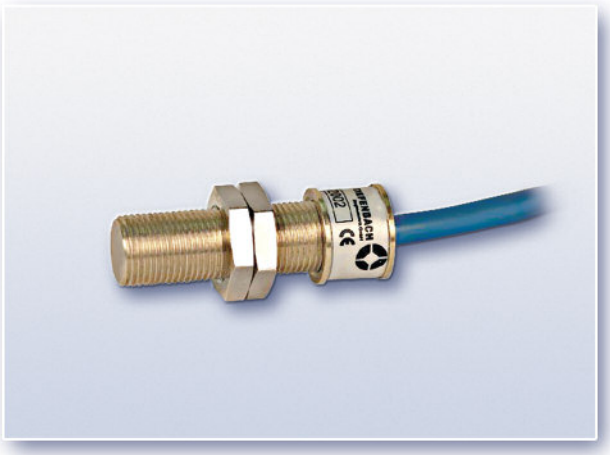


MAGNET SWITCH

iKA209

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

- small and rugged design
- connection via terminal housing
- any fitting position
- almost inertia-free due to use of reed contacts
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC



MAGNET SWITCH

iKA232-234

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

- small and rugged design
- connection via cable
- any fitting position
- almost inertia-free due to use of reed contacts
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 65 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC

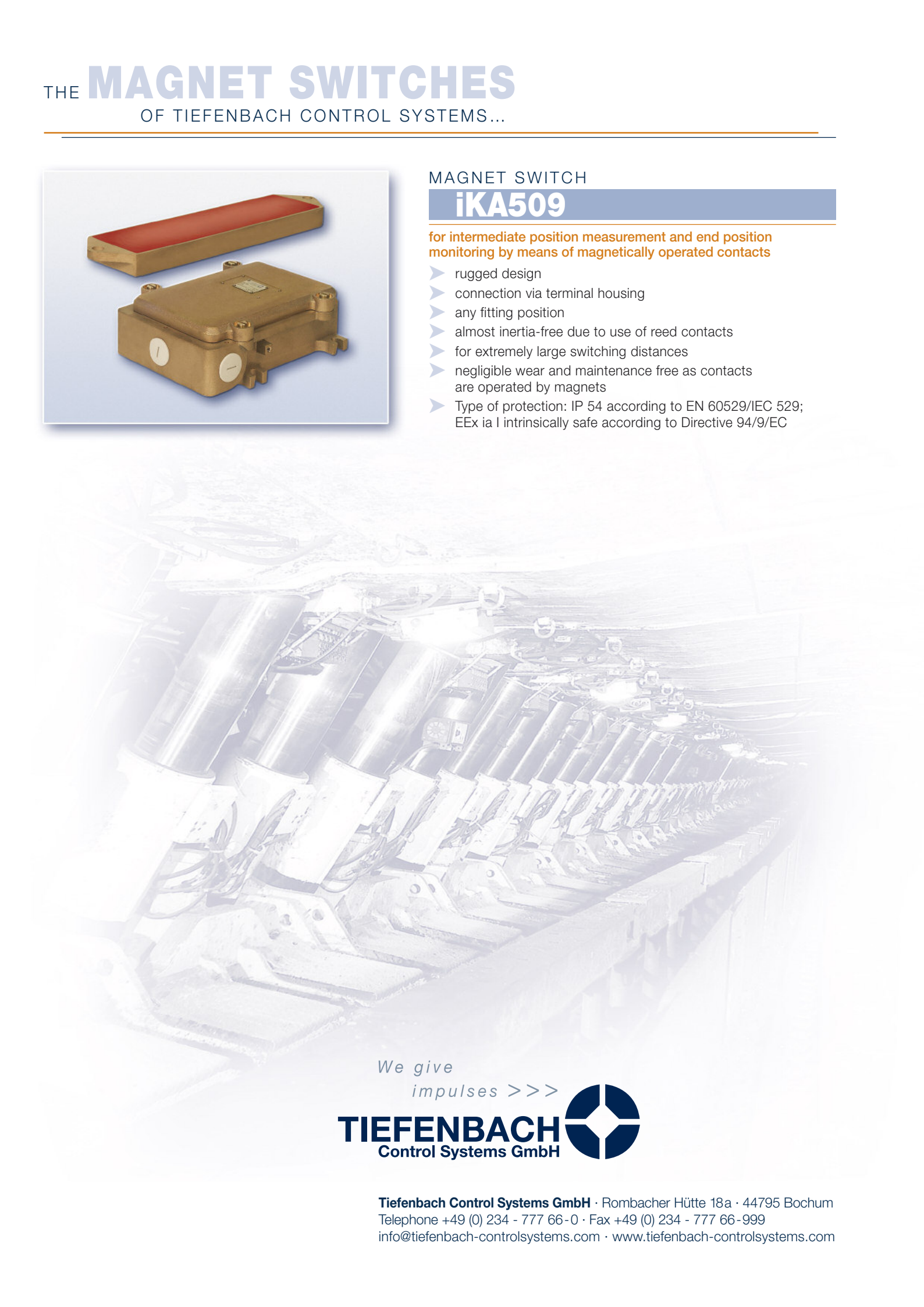
THE **MAGNET SWITCHES**
OF TIEFENBACH CONTROL SYSTEMS...

MAGNET SWITCH

iKA509

for intermediate position measurement and end position monitoring by means of magnetically operated contacts

- rugged design
- connection via terminal housing
- any fitting position
- almost inertia-free due to use of reed contacts
- for extremely large switching distances
- negligible wear and maintenance free as contacts are operated by magnets
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC



We give impulses >>>

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