



Baumer

Passion for Sensors

ELTRA TRADE S.R.O. SUPPLIES FULL RANGE OF BAUMER PRODUCTS



The best prices



Customers in more
than 120 countries



The highest level of
technical support



The fastest supply

We provide the best prices and delivery terms for the following BAUMER equipment:

SENSORS

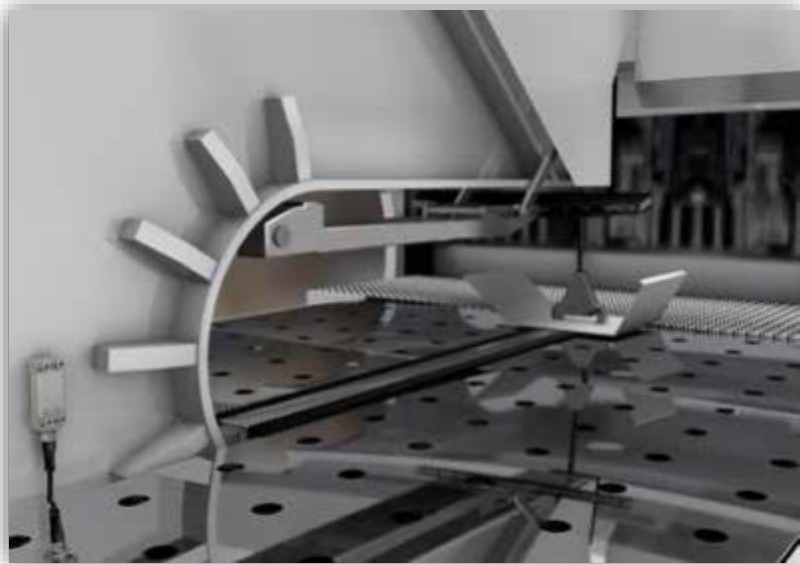


ENCODERS

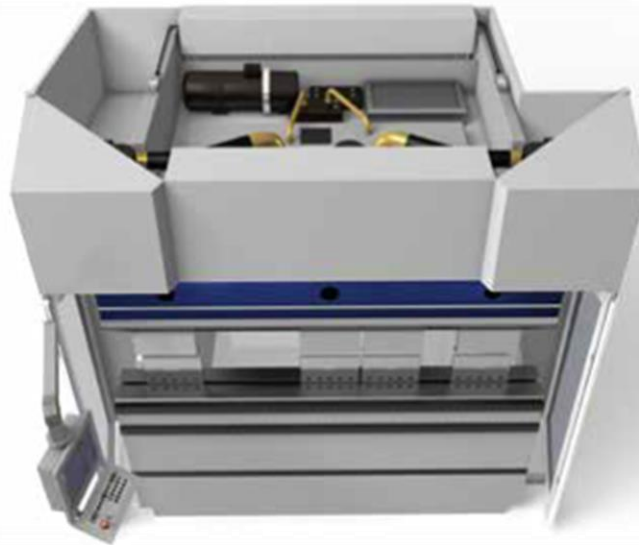


INDUSTRIES AND APPLICATIONS

Sheet thickness control



Holding force control



Force control at joining process



ENCODERS



ABSOLUTE
ENCODERS

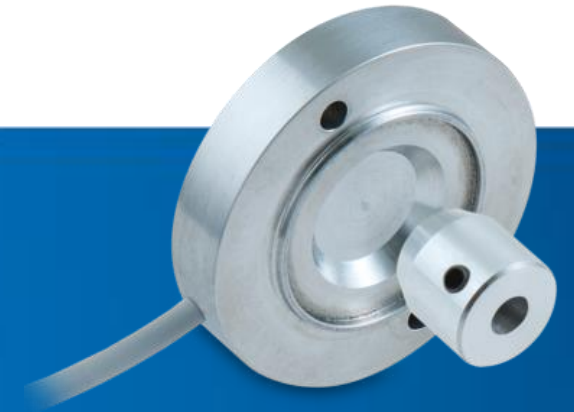
TACHOGENERATORS
& RESOLVERS

INCREMENTAL
ENCODERS

THE MAIN TYPES:

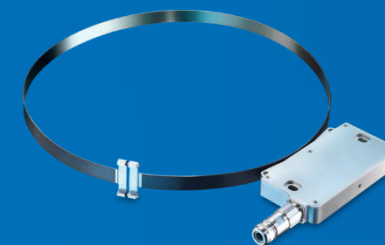
- ANG
- BMMH
- BMMV
- EAL/EAM
- GO/G1
- GM/GB/GE
- GXMMW

ABSOLUTE ENCODERS



Absolute Baumer encoders are sensors that determine current degree of shaft displacement at any time.

- *High resolutions up to 24 bits*
- *Wear free magnetic sensing technology*
- *Flexible in use: for hollow shafts from 30 ... 3183 mm*
- *Space-saving by shallow installation depth*



INCREMENTAL ENCODERS

THE MAIN TYPES:

- OG/POG
- BDK
- BHF
- BHK
- HOG
- ITD



Baumer incremental encoders are compact sensors that determine the displacement angle of the own shaft relative to the start.

- *Space-saving by short mounting depth*
- *Flexible in use: For any shaft diameter within 6 ... 3183 mm*
- *High signal quality and resolution up to 524 288*

TACHOGENERATORS & RESOLVERS

THE MAIN TYPES:

- TDP
- GT5
- GT9
- GTF7
- GTR9



Tachogenerators Baumer are an electric devices that measure the shaft rotation frequency and convert it into an electrical signal.

- *Unrivalled service life and reliability*
- *Proven HeavyDuty design with bearings at both ends*
- *Specific brush design for wearfree and longlife performance*
- *Ideal in extreme climate and ambient conditions*

SENSORS



Capacitive
Sensors



Inductive
Sensors



Magnetic
Sensors

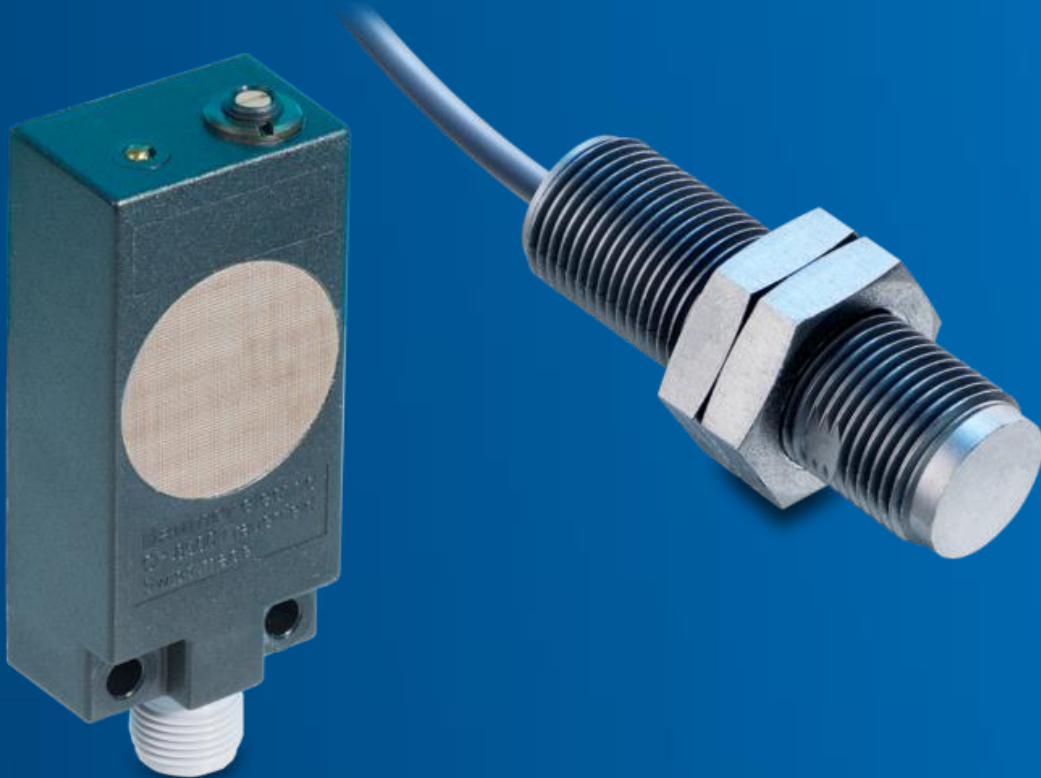


Photoelectric
Sensors

THE MAIN TYPES:

- CFAM
- CFAK

CAPACITIVE SENSORS



Baumer capacitive sensors are transducers that convert non-electrical quantities to electrical capacitance values.

- *Contactless*
- *Available to work with any materials*
- *High durability level*

INDUCTIVE SENSORS

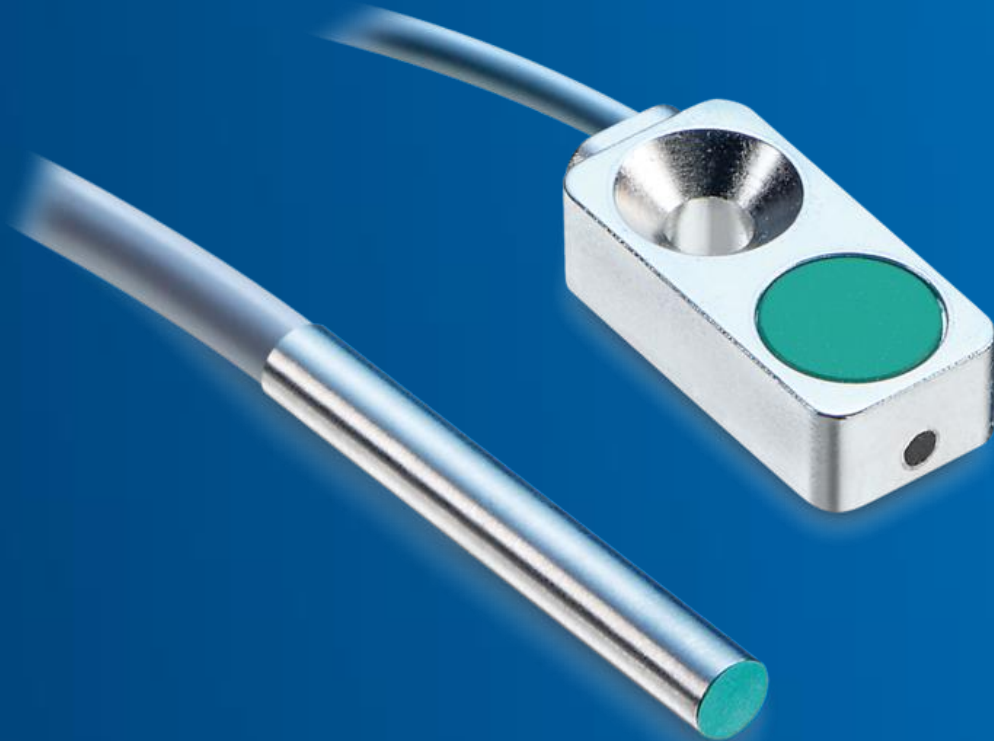
THE MAIN TYPES:

- IFRM
- IFFM
- IFFK
- IR/IFR
- IWFM/IWRM



Baumer inductive sensors are special units that track inductance changes to determine the position of metal objects.

- *Very small sensors with all integrated evaluation electronics and large sensing distance*
- *Millions of them in use - highest precision and guaranteed reliability*
- *Sturdy, maintenance-free and durable*



MAGNETIC SENSORS

THE MAIN TYPES:

- *MDRM/MDFM*
- *IHRM*
- *MFFM/MFVM*
- *MZCK/MZTK*



Baumer magnetic sensors are used to detect changes in magnetic fields.

- *Maintenance-free and robust*
- *Large sensing distance up to 60 mm*
- *Fast response time ensures reliable detection*

PHOTOELECTRIC SENSORS

THE MAIN TYPES:

- FHDK
- FZAM
- FHDM
- FPDK
- OHDK
- OHDM
- O300/O500

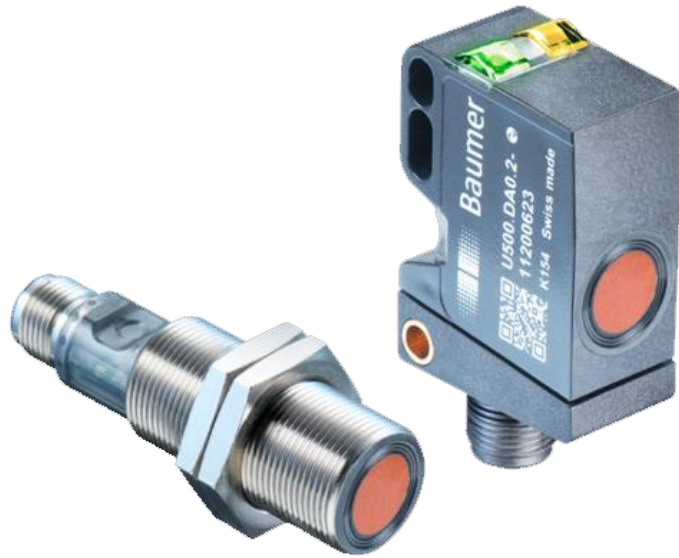


Baumer photoelectric sensors determine the position of object using an optical light signal.



- *Easy to set up with clever teach-in function*
- *Smart & Small – top performance in smallest designs*
- *Laser sensors for detection tasks in the 0.01 mm range*

SENSORS



Ultrasonic
Sensors



My-Com
Sensors



Fiber optic
sensors



Distance
sensors

ULTRASONIC SENSORS

THE MAIN TYPES:

- UNAM
- UNDK
- U500
- UEDK
- UZAM
- UZDK
- UNAR



Ultrasonic sensors determine the position of an object using an ultrasonic signal.

- *Immune to dust, moisture or ambient light*
- *Outstanding fast, small and sturdy in one*
- *Unaffected by object's brilliance, color or transparency*



THE MAIN TYPES:

- MY COM E
- MY COM G
- MY COM H
- MY COM M

MY-COM SENSORS



Baumer MY-COM sensors is one of the most accurate precision mechanical switch in the World.

- *Repeat accuracy of 1 micrometer*
- *Compact design for very limited installation*
- *Mechanical (NC) and electrical (NO) output circuits*



FIBER OPTIC SENSORS

THE MAIN TYPES:

- FZAM
- FVDK
- FCE/FSE
- FUA/FUB
- FUE/FUG



Baumer fiber optic sensors are miniature photoelectric sensors.

- *Detecting filling levels or leaks*
- *Plastic and glass fiber optics*
- *Fiber optic amplifiers in different versions*

DISTANCE SENSORS

THE MAIN TYPES:

- OADM
- OADM 12
- OM70
- RR30
- OADR/OADK
- FADH/FADK



Baumer distance sensors are devices that determine current distance to an object and its movement.

- *Optical*
- *Ultrasonic*
- *Radar*
- *Inductive*



ABOUT US



Eltra Trade s.r.o. is fast developing company in supplying industrial automation equipment in Europe and throughout the world

Serving customers in over 100 countries we help them to improve their energy efficiency and enhance productivity level

Thanks to long-standing contacts with our suppliers we can provide the fastest supply and the best prices on wide range of equipment

Highest flexibility, trust and credibility are the main principles of our company



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