

we personally take care



product overview

our sensors ensure your success



## optical sensors

through-beam sensors, retro-reflective sensors, diffuse reflection sensors with and without background suppression and high performance through-beam sensors



## camera sensors

**opti-check**

all-in-one devices, additional illuminations and lenses



## fiber optic sensors

fiber optic amplifiers, glass and plastic fibers



## power supplies

switching power supply units 1/3-phase and stabilized power supply units



## inductive sensors

norm and enlarged sensing ranges, all-steel, analog, high-temperature and ring-sensors, pressure proof, welding proof and sensors that are unaffected by atmospheric changes



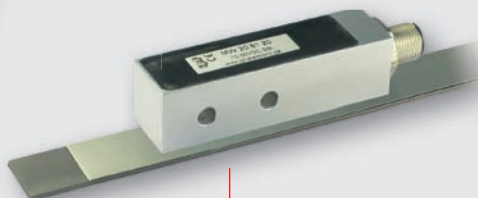
## filling level sensors

capacitive sensors and mounting accessories, conductive filling level relays and probes



## linear measuring systems

incremental and absolute magnetic linear measurement encoder and accessories



## integrated through-beam sensors

fork, angle, frame and ring shaped



## evaluation systems

multi-function, pulse and time counters, time delay relays, measuring transducers, coupling relays, multi-function monitors, rotation speed pilot switches, pulse and zero speed monitors



## laser sensors

through-beam sensors, retro-reflective sensors, diffuse reflection sensors and measuring systems

## fluid technology

electronic pressure sensors with display, flow sensors for gaseous media and liquids, thermal elements and electronic temperature displays



## magnetic sensors

magnetic all-steel proximity switches  
fully electronic cylinder sensors and  
magnetic high-temperature sensors



## capacitive sensors

metal and plastic devices

## LED machine illumination

high operational dependability, energy efficiency,  
high luminosity, flexible thanks to various designs



## special optical sensors

color sensors, luminescence sensors,  
line sensors and contrast readers



## safety systems



safety light curtains,  
safety relays and accessories

## ultrasonic and radar sensors

through-beam, retro-reflective and  
diffuse reflection sensors, furcate  
versions and radar motion sensors



## accessories

cable sockets **ipf**-SENSORFLEX®, ready-to-be-assembled  
connectors and couplings, distributors, logic distributors  
and modules, sensor testers, mounting material and  
precision positive stops for proximity switches



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