

1982—2007
25 years ipf electronic

ipf
electronic

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your partner for

optical sensors
camera sensors
safety light curtains
inductive and capacitive sensors
magnetic and ultrasonic sensors
flow and filling level sensors
pressure and temperature sensors
power supply units
counters and time delay relays
encoders and logic distributors
cable sockets and accessories



our service for you

A SINGLE SOURCE >>> For sensors, accessories as well as special devices on request.

NO SURCHARGE ON >>> Small quantity purchases and no minimum delivery quantities.

ATTRACTIVE QUANTITY DISCOUNTS >>> See our current price list.

TECHNICAL HELPDESK >>> Our technicians and engineers are ready to help you, providing advice both before and after purchase. Please phone +49 (0) 23 51/93 65-65.

DATA SHEET SUPPORT >>> Let nothing escape you! Access the download area of our website to find our current data sheets and other essential information in PDF format!

SAMPLE SHIPMENTS ARE FREE OF CHARGE >>> Is this sensor suitable for my application? Request any device from the ipf standard range to test it for 4 weeks!

ORDER HOTLINE >>> By phone (Mon. to Thu. 7.30am to 4.30pm, Fri. 7.30am to 3.30pm) +49 (0) 23 51/93 65 55,
around the clock by fax +49 (0) 23 51/93 65 59,
by e-mail info@ipf-electronic.de
and through our webshop on www.ipf-electronic.de.

SERVICE >>> Our ipf 3.00pm express service for any emergency that requires quick action. We ship the same day!

optical sensors

through-beam and high performance sensors
retro-reflective sensors
diffuse reflection sensors with and w/o background suppression

fibre optic amplifiers
glass and plastic fibres

fork, frame and ring light barriers
light curtains
contrast readers
colour recognition

laser through-beam sensors and forks
laser retro-reflective sensors
laser diffuse reflection sensors with and w/o background suppression
laser distance sensors
infrared and luminescence diffuse reflection sensors



fully integrated camera system **opti-check**

preset operating distance
integrated optics, illumination, electronics and software
compact metal housing
resolution 640x480 pixels
codable digital outputs
easy teach-in and parameterizing with Windows software
serial transmission of the inspection results

recognition of areas with fixed characteristics
checking the outer contour of an object
comparison of the object with a taught-in sample
checking the observance of a shape parameter (roundness or radius)



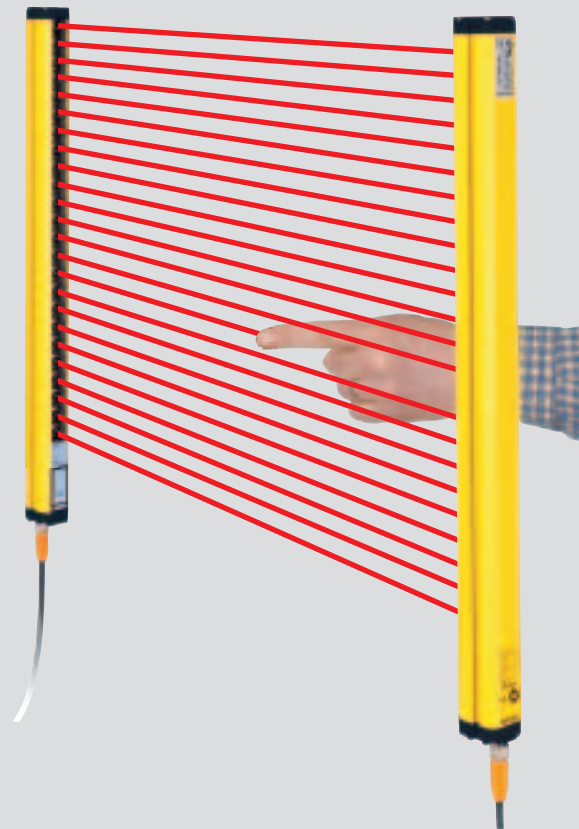
safety light curtains

finger protection, hazardous point protection,
resolution 14mm
hand protection, hazardous point protection,
resolution 30mm
body protection, access protection, 2, 3 or 4 light beams

category 4 for maximum safety

easy installation and setup, diagnoses on the device
self-monitoring and short response time
connection with M12-connector

extensive accessories: ground fixtures, deflection mirrors,
mounting brackets, protective housings, safety relays,
muting lamps, laserpointers, test bars and cable sockets



inductive sensors

detection of metal parts
high sensing ranges
smallest design \varnothing 3mm
high temperature versions up to +230°C
all-steel sensors with triple sensing range
analogue sensors with triple sensing range
ring shaped inductive sensors
pressure-proof versions up to 500bar

capacitive sensors

detection of all materials
smallest design \varnothing 4mm
high temperature versions up to +250°C



magnetic sensors

all-steel proximity switches

cylinder sensors for all types of cylinders
fully electronic, versions up to +130°C

distance measurement systems
incremental and absolute

ultrasonic sensors

through-beam and retro-reflective sensors
diffuse reflection sensors with switching
or analogue output
detection of all materials, even transparent



flow and filling level sensors

flow sensors for gaseous media and liquids
capacitive and conductive
filling level sensors
acid and alkali proof Teflon housing

pressure sensors

intelligent pressure sensor with display,
error control and optical interface
analogue and switching output
pressure range -1 to +600bar

temperature sensors

digital display, analogue and switching output



power supply units

switching power supply units 1 and 3 phases
stabilised power supply units

counters time delay relais encoders

time and pulse counters
multi-function time delay relais
time range 0.1sec to 300min,
24V to 240V AC/DC
rotation speed, pulse and shut-down monitors
incremental encoders



accessories

cable sockets **ipf**-SENSORFLEX® M8, M12
ready-to-be-assembled cable sockets and connectors
distributors, logic distributors M8 and M12
sensor tester, logic modules
quick clips and mounting brackets
high precision positive stops for inductive sensors



about us

TRADITION >>> *ipf electronic gmbh* was founded in 1982 and is registered in the Iserlohn Commercial Registry with the CR-No. 4151.

CAPITAL >>> The share capital is 512,000 EUR. The purpose of the business is the production and sale of electronic products.

PROGRAM >>> »Automate with electronic components« is our motto! The purchase of high quality articles and the in-house engineering of new product ideas guarantees a large range of up-to-date products.

BASIS >>> Both the success and good reputation of *ipf electronic* are based on the following 3 main pillars of our business:

1. Reliable products to assure optimal performance.
2 year warranty included.
2. A motivated and enthusiastic staff to provide a customer-oriented service.
3. A credible business management to implement the concept of effective cooperation both in-house and with the customer.

GOOD CHOICE >>> *ipf electronic* looks forward to working closely together with you.

ipf electronic gmbh

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Grafik: istockphoto/jasmin Awad

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