## FIA Series

### Product Information

**Applications:** Mainly in the field of metal stamping

**Products:** Fork light barriers: Available as IR-type or VIS-type, cable version (C) or plug version (P), with or without blast air connector, Common characteristic: Electronics integrated in the sensor housing

### Main operative range: Stamping industry

### Field of Application

- The light barriers are primarily mounted in the stamping die bottom part, and are available also with a so-called tool-plug (TP-M12)
- The connection from the tool-plug to the interface box is established by a connecting cable (cab-fia-M12-g-2)
- The interface box is mounted directly at the stamping machine (eccentric press)
Application Example

Stamping die top part

METAL STRIP (unwinded from coil)

Stamping die bottom part

Fork light barrier

Tool plug (TP-M12)

Connecting cable (cab-fia-M12-g-2)

Stamped connector on strip (winded onto coil)

Tool plug (TP-M12)

Connecting cable (cab-fia-M12-g-2)

Connection to control unit (die protection unit)

Interface box with M12 female connectors (picture: BOX-M12-6)
Product Line

FIA-C-06
FIA-P-06
FIA-C-06-0.6-5/8-IR
FIA-P-06-0.6-5/8-IR

FIA-A-H
FIA-A-V
FIA-C-08
FIA-P-08

TPO-01
TP-M12
FIA-P-15

FIA-L-06-C
FIA-L-06-P
FIA-L-08-C
FIA-L-08-P

FIA-LBL
FIA-F
FIA-F-CON1
FIA-FE

JP-3
(jam plate, accessories for FIA-C-06-5/8, FIA-P-06-5/8, and FIA-P-15)