IPF ELECTRONIC

PG400140
LASER SENSORS • FORKED LIGHT BARRIER

sensor laser, fork, 85x24x100mm, fork width 40mm, 15-30V DC, 2x Push-pull NC/NO, 0-10 V, Plug-in connection 8pin, Glass, Red light

MECHANICAL FEATURES

Design	Cuboid
Diameter detection	+
Fork depth	40 mm
Fork light barrier design	Furcate
Fork width	40 mm
Installation bracket	-
Material of optical surface	Glass
Sensor height	85 mm
Sensor length	24 mm
Sensor width	100 mm

ELECTRICAL FEATURES

Analog output 0 V ... 10 V	+
Analog output 4 mA ... 20 mA	-
Connection to amplifier	-
Dynamic switching output	-
Equipment protection class	Protection class 3
Measurement of light beam coverage	+
Number of pins	8
Number of pins of the communication interface	4
Number of switching outputs	2
Operating voltage	15 V ... 30 V
Scanning function	Light-/dark-on mode
Type of analog output	0-10 V
Type of communication interface	Connector M5
Type of electrical connection	Plug-in connection
Type of plug-in contact, communication interface	Female (socket)
Type of switching function	Normally closed contact/normally open contact
Type of switching output	Push-pull
Type of the forked light barrier	Standard
Voltage type	DC
With communication interface, analog	-
With communication interface, RS-232	+

IPF ELECTRONIC

Data sheet PG400140 • Subject to alteration! Version: 03.12.2020

ELECTRICAL FEATURES

With other analog output	-
With time function	-

OPTICAL FEATURES

Min. object size	0.04 mm
Resolution	4 µm
Laser class	Class 1
Line field width	6
Line field length	1

OTHER FEATURES

Edge control	+
Feeding technology	+

Other

Packaging dimensions	138.0mm x 95.0mm x 210mm
Shipping weight	0.37kg
Tariff code	85365019

Classification

ipf product group	165
eClass 8.0	27270909
eClass 9.0	27270909
eClass 9.1	27270909
ETIM-5.0	EC002720
ETIM-6.0	EC002720
ETIM-7.0	EC002720

Connection

2

ipf electronic gmbh • Rosmarter Allee 14 • 58762 Altena | Tel +49 2351 9365-0 • Fax +49 2351 9365-19 | info@ipf.de • www.ipf.de

IPF ELECTRONIC

Data sheet PG400140 • Subject to alteration! Version: 03.12.2020
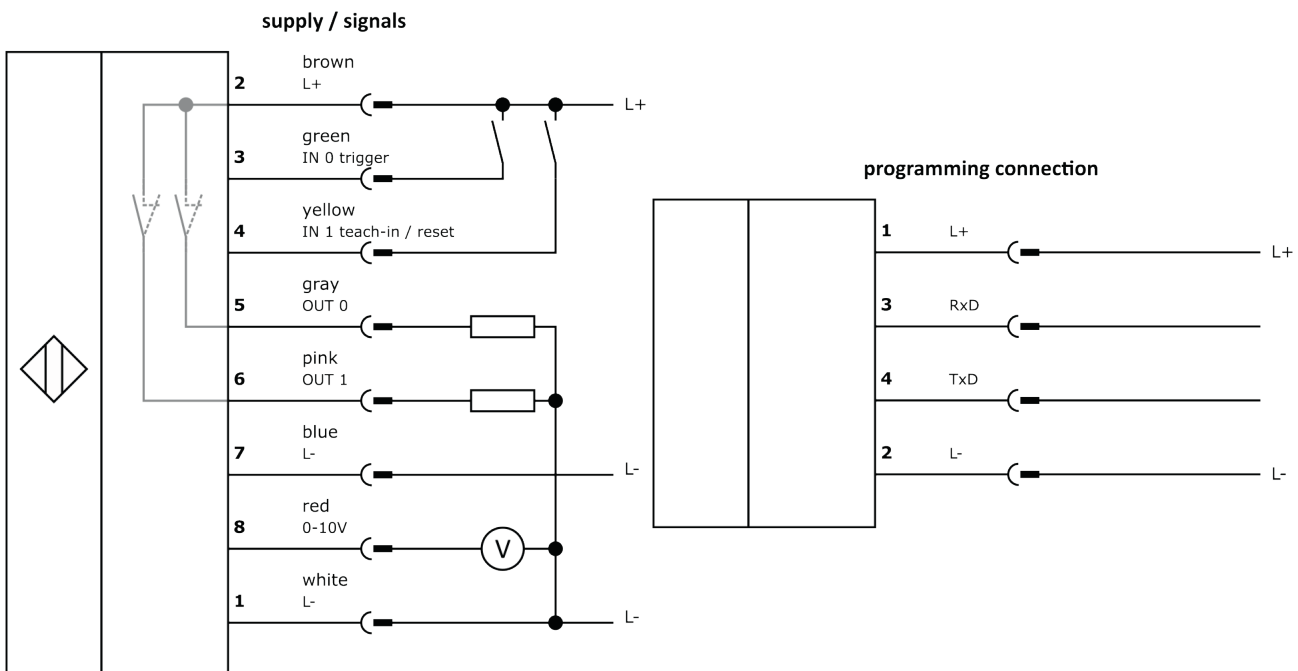
Dimensional drawing

Installation

Mounting / installation may only be
carried out by a qualified electrician!

Disposal

Software

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage:
www.ipf-electronic.com

Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
Never use these devices in applications where the safety of a person depends on their functionality.
LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be
held responsible for damages that result from improper use or connection.

ipf electronic gmbh • Rosmarter Allee 14 • 58762 Altena | Tel +49 2351 9365-0 • Fax +49 2351 9365-19 | info@ipf.de • **www.ipf.de**

3

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Photoelectric Sensors *category:*

Click to view products by IPF ELECTRONIC *manufacturer:*

Other Similar products are found below :

7442AD2X5FRX EX-19B-LP EX-19SB-PN 7443AR0X5FRX 7452AD4D4NNX F3WD052C5M 7694ADE04DS2X FE7C-FRC6S-M FX-305 PM-R24-R Q45VR2FPQ 13104RQD07 E3JUXM4MN E3L2DC4 E3S3LE21 E3SCT11M1J03M E3SDS20E21 E3VDS70C43S E3XNM16 BR23P HOA6563-001 OJ-3307-30N8 OS-311A-30 P32013 P34036 P43004 P60001 PB10CNT15PO S14132 935286-000 S52101 S56258 FD-SN500 FE7B-FDRB6-M SU-79 T36342 T40300 T60001 PD60CNX20BP FX-302-HY FZS PM-T64W PZ2-51P CX-491-P-J CYNUTX10 UZB802 UZB803 UZFRG1 UZFRG4 UZFRT4