



Diffuse reflection sensor

OGT-FPKG/6M



- 1 programming buttons
2 LED 4 x 90°



Product characteristics

Type of light	red light
Housing	threaded type

Application

Function principle	Diffuse reflection sensor
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Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	25
Protection class	II
Reverse polarity protection	yes
Type of light	red light

Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (programmable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	150; (200 (...60 °C))
Switching frequency DC [Hz]	2000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Range [mm]	2...800; (white paper 200 x 200 mm 90% remission)
Factory setting	light-on mode
Setting range [mm]	150...800
Range adjustable	yes
Max. light spot diameter [mm]	66

OGT301



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Light spot dimensions refer to _____ at maximum range

Operating conditions

Ambient temperature [°C] _____ -25...80

Protection _____ IP 65; IP 67; IP 68; IP 69K

Tests / approvals

EMC _____ EN 60947-5-2

MTTF [ANN] _____ 473

Mechanical data

Weight [g] _____ 255

Housing _____ threaded type

Dimensions [mm] _____ M18 x 1 / L = 80.4

Thread designation _____ M18 x 1

Materials _____ stainless steel (1.4404 / 316L); PA; LCP; EPDM; TPU

Lens material _____ PMMA

Displays / operating elements

Display _____ switching status _____ 1 x LED, yellow

Teach function _____ yes

Electronic lock _____ yes

Аксессуары

Items supplied _____ lock nuts: 2

Remarks

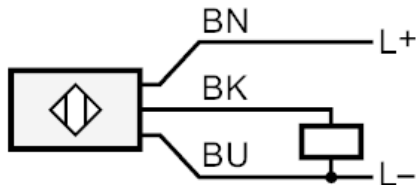
Remarks _____ operating voltage "supply class 2" according to cULus

Pack quantity _____ 1 pcs.

Electrical connection

Cable: 6 m, PVC; 3 x 0.34 mm²

Connection



Core colours :
BK = black
BN = brown
BU = blue



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Diagrams and graphs

excess gain graph

