

PHOTOELECTRIC SENSORS

LTS-1180-303 (-XXX)

PHOTOELECTRIC SENSOR	L
COLOR SENSOR	F

SENSOR TYPE

With analog output	A
For fibers / fiber	F
With background suppression	H
Through-beam sensor	L
Reflex sensor	R
Diffuse sensor	T
Accessories	X
Device with cable	K
Device with connector	S
Device with screw terminal	T
Device with molded connector	V
Synthetic optical fiber	P
Glass optical fiber	G
Reflector	R
Cutting tool	F
Mounting bracket	W

SERIES

Cylindrical devices	
Ø 4	1040
M5	1050
M12	1120
M12 laser	112#L
M18	1180
M18 laser	118#L
M18 with lateral light emission	1180W

Rectangular devices	
5 x 7 mm	0507
30x30 mm (high-performance)	3#30
30x30 mm (standard)	3#31
31x60 mm (standard)	3#60
31x60 mm (teach-in)	3#65
31x60 mm (teach-in & digital display)	3066
31x60 mm (high frequency)	326#
31x60 mm (blue light)	336#
40 x 40 mm	4040
40 x 50 mm	4#5#
50 x 50 mm	5050
65 x 83 mm	6080

Synthetic optical fibers	
Diffuse sensor	1###
Through-beam sensor	2###
Miniature / standard / coaxial	#0##
Flexible	#1##
Luminous (enhanced brightness)	#2##
Glass optical fibers	
Axial diffuse sensor	1###
Radial diffuse sensor	2###
Axial through-beam sensor	3###
Radial through-beam sensor	4###
Accessories	0###

Universal mounting brackets	
For 3#30 / 3#31 series	3030
For 3#6# series	3060
For 4040 series	4040
For 4#5# series	4050
For 5050 series	5050
For 6080 series	6080

4-wire through-beam sensor	0
4-wire basic device	1
3-wire through-beam sensor	2
3-wire basic device	3
With IO-Link	4

SPECIAL EXECUTIONS

EXECUTION

3- or 4-wire through-beam sensor (emitter)	00
4-wire devices, NPN, output:	
Changeover or switchable	01
Light-ON and excess gain	02
4-wire devices, PNP, output:	
Changeover or switchable	03
Light-ON and excess gain	04
AC/DC devices	
Through-beam sensor (emitter)	10
With relay output	15
With relay output and timer	65
3-wire devices, NPN, output:	
Light-ON	01
Dark-ON	02
3-wire devices, PNP, output:	
Light-ON	03
Dark-ON	04
With built-in timer	+50

DIMENSIONS

Synthetic optical fibers	
Length in dm (2 m)	020
Glass optical fibers	
Length in cm (0.25 m)	025
Length in cm (0.50 m)	050
Length in cm (1 m)	100
Accessories	
General	000-001
Reflector type 12	012
Reflector type 13	013
Reflector type 14	014
Reflector type 15	015
Reflector Ø 25.2 mm	025
Reflector Ø 46 mm	046
Reflector Ø 82 mm	084

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Inductive

Photoelectric

Optical fibers

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