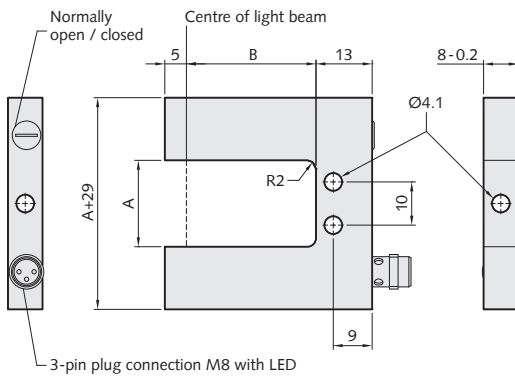


PSL 8 mm series

Single-beam laser fork light barriers with integrated amplifier – connector M8 – 3-pin



measure. analyze. innovate.



A [mm]:	10	20	25	30	40	40
B [mm]:	30	30	80	30	40	80



Application

Feed control
Position control

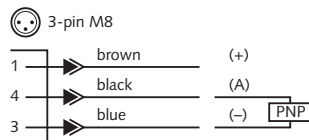
Specifications

Circuit	chopped light trigger
Wavelength	650 nm, red light
Light beam diameter	0.2 mm
Laser output power	< 1 mW, laser class 2
Operating voltage	12 – 24 VDC
Current consumption	max. 30 mA
Mode of operation	static
Output with LED	PNP
Function	normally open/closed
Load current	200 mA short-circuit proof
Repeating accuracy	< 0.02 mm
Frequency	4 KHz
Temperature range	0°C – 40°C
EMC according to 2014/30/EU	EN 61000... c€
System of protection	IP 65
General tolerance of the housing	DIN ISO 2768-m

Resolution

Fork width A [mm]:	10	20	30	40
Part diameter [mm]:	0.2	0.3	0.3	0.4

Pin configuration



Article

Article	Order No.
PSL-10-30/W-3-P	6532-00000-3022
PSL-20-30/W-3-P	6534-00000-3022
PSL-25-80/W-3-P	6560-00000-3022
PSL-30-30/W-3-P	6535-00000-3022
PSL-40-40/W-3-P	6557-00000-3022
PSL-40-80/W-3-P	6559-00000-3022

Accessories (more accessories, see last pages)

Article	Order No.
Connection cable shielded:	
VK-M8-g-S (2 m, straight)	2111-00902-0300
VK-M8-g-S (5 m, straight)	2111-00905-0300