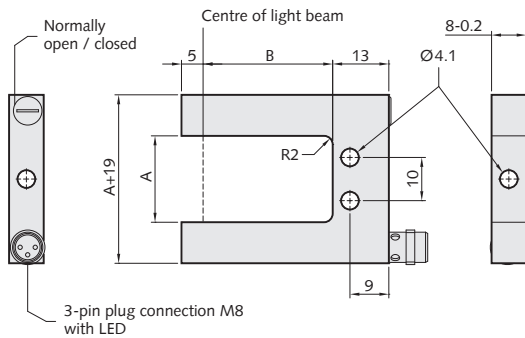


PSI 8 mm series

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



measure. analyze. innovate.



A [mm]:	10	10	20	20	20	20	25	30	30	30	30	40	40	40
B [mm]:	15	30	15	30	40	60	80	15	30	40	60	40	60	80

Application

Feed control
Position control

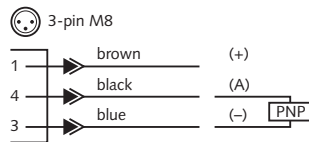
Specifications

Circuit	Constant light trigger
Operating voltage	12 – 30 VDC
Current consumption	max. 60 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	1 KHz
Temperature range	0°C – 60°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	25	30	40
Part diameter [mm]:	0.4	0.6	0.6	0.7	1.0

Pin configuration



Article

Order No.

PSI-10-15/3-P	6331-00000-3002
PSI-10-30/3-P	6332-00000-3002
PSI-20-15/3-P	6333-00000-3002
PSI-20-30/3-P	6334-00000-3002
PSI-20-40/3-P	6351-00000-3002
PSI-20-60/3-P	6352-00000-3002
PSI-25-80/3-P	6360-00000-3002
PSI-30-15/3-P	6335-00000-3002
PSI-30-30/3-P	6336-00000-3002
PSI-30-40/3-P	6354-00000-3002
PSI-30-60/3-P	6355-00000-3002
PSI-40-40/3-P	6357-00000-3002
PSI-40-60/3-P	6358-00000-3002
PSI-40-80/3-P	6359-00000-3002

Accessories (more accessories, see last pages)

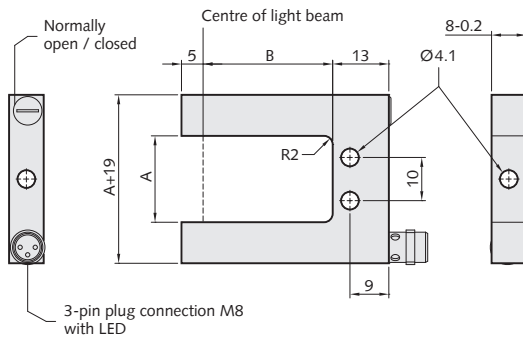
Article	Order No.
Connection cable:	
VK-M8-g (5 m, straight)	2111-00005-0300
VK-M8-w (5 m, angled)	2111-00005-1300

PSI 8 mm series

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



measure. analyze. innovate.



A [mm]:	10	20	20	20	25	30	30	30	40	40	40
B [mm]:	30	30	40	60	80	30	40	60	40	60	80

Application

Feed control
Position control

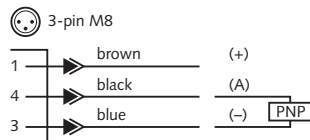
Specifications

Circuit	Chopped light trigger
Operating voltage	12 – 30 VDC
Current consumption	max. 60 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 – 60°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	25	30	40
Part diameter [mm]:	0.2	0.3	0.3	0.4	0.4

Pin configuration



Article

Article	Order No.
PSI-10-30/W-3-P	6332-00000-3022
PSI-20-30/W-3-P	6334-00000-3022
PSI-20-40/W-3-P	6351-00000-3022
PSI-20-60/W-3-P	6352-00000-3022
PSI-25-80/W-3-P	6360-00000-3022
PSI-30-30/W-3-P	6336-00000-3022
PSI-30-40/W-3-P	6354-00000-3022
PSI-30-60/W-3-P	6355-00000-3022
PSI-40-40/W-3-P	6357-00000-3022
PSI-40-60/W-3-P	6358-00000-3022
PSI-40-80/W-3-P	6359-00000-3022

Accessories (more accessories, see last pages)

Article	Order No.
Connection cable:	
VK-M8-g (5 m, straight)	2111-00005-0300
VK-M8-w (5 m, angled)	2111-00005-1300