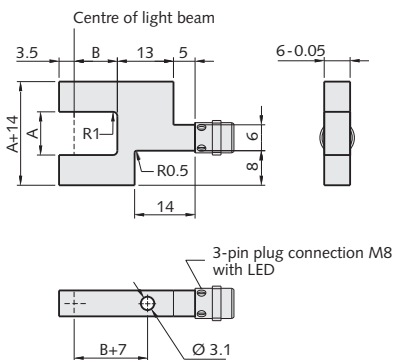


PMI 6 mm series

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



A [mm]:	5	10	10	10	20	20	20
B [mm]:	10	10	20	30	10	20	30

Application

Feed control
Position control

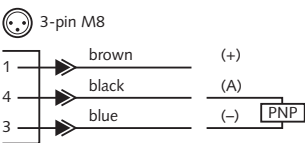
Specifications

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 (NO)
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]:	5	10	20
Part diameter [mm]:	0.3	0.4	0.6

Pin configuration



Article	Order No.
PMI- 5-10/3-P	6311-00000-3002
PMI-10-10/3-P	6312-00000-3002
PMI-10-20/3-P	6320-00000-3002
PMI-10-30/3-P	6317-00000-3002
PMI-20-10/3-P	6304-00000-3002
PMI-20-20/3-P	6324-00000-3002
PMI-20-30/3-P	6313-00000-3002

Accessories (more accessories, see last pages)

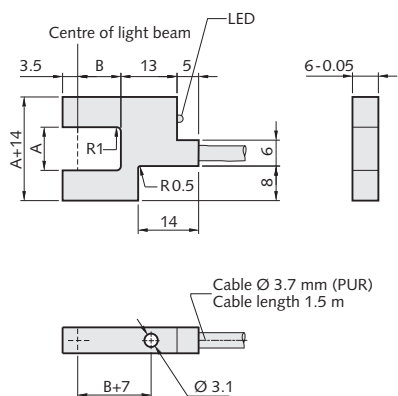
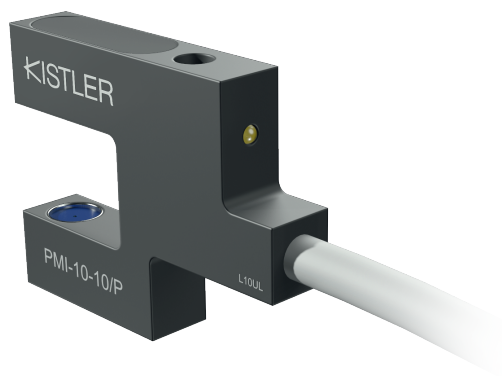
Article	Order No.
Connection cable:	
VK-M8-g (5 m, straight)	2111-00005-0300
VK-M8-w (5 m, angled)	2111-00005-1300

PMI 6 mm series

Single-beam infrared fork light barriers with integrated amplifier – free cable end

KISTLER

measure. analyze. innovate.



A [mm]:	5	10	10	10	20	20	20
B [mm]:	10	10	20	30	10	20	30

Application

Feed control
Position control

Specifications

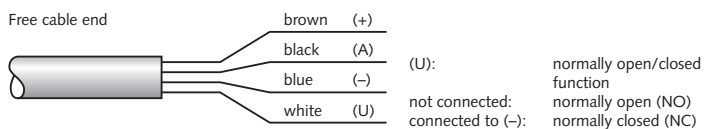
Circuit	Constant light trigger
Operating voltage	12 – 30 VDC
Current consumption	max. 60 mA
Mode of operation	static
Output with LED	PNP
Function	normally open (NO)
Load current	200 mA short-circuit proof
Repeating accuracy	< 0.02 mm
Frequency	1 KHz
Temperature range	0°C – 60°C
EMC according to 2014/30/EU	EN 61000... C€
System of protection	IP 65
General tolerance of the housing	DIN ISO 2768-m

Resolution

Fork width A [mm]:	5	10	20
Part diameter [mm]:	0.3	0.4	0.6

Pin configuration

Free cable end



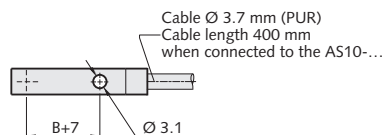
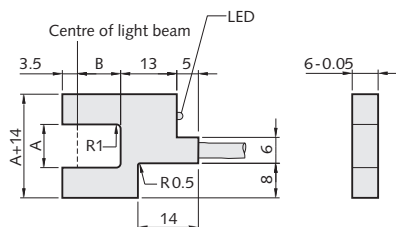
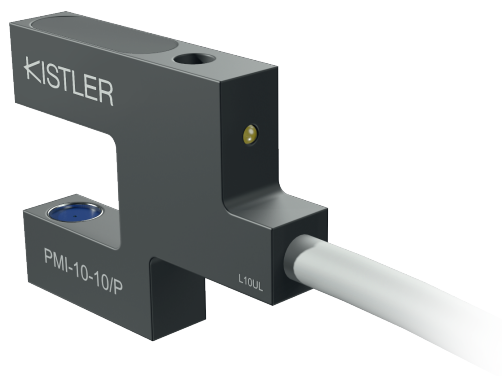
Article	Order No.
PMI- 5-10/P	6311-00000-0002
PMI-10-10/P	6312-00000-0002
PMI-10-20/P	6320-00000-0002
PMI-10-30/P	6317-00000-0002
PMI-20-10/P	6304-00000-0002
PMI-20-20/P	6324-00000-0002
PMI-20-30/P	6313-00000-0002

Accessories (more accessories, see last pages)

Article	Order No.
Mounting block for self-assembly!	
AS10-U-4, 4-pin M12	2306-00000-1004
AS10-U-5, 5-pin M16	2306-00000-1005

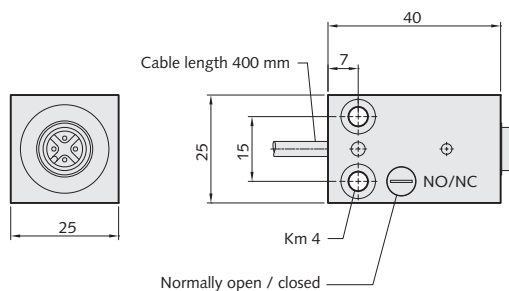
PMI 6 mm series

Single-beam infrared fork light barriers with integrated amplifier – mounting block M12 – 4-pin connector



A [mm]:	5	10	10	10	20	20	20
B [mm]:	10	10	20	30	10	20	30

with mounting block AS10-U-4



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Application

Feed control
Position control

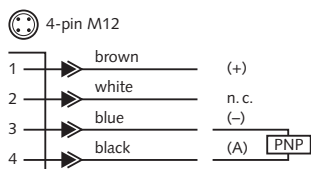
Specifications

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]:	5	10	20
Part diameter [mm]:	0.3	0.4	0.6

Pin configuration



Article	Order No.
PMI- 5-10/AS10-U-4	6311-00000-1402
PMI-10-10/AS10-U-4	6312-00000-1402
PMI-10-20/AS10-U-4	6320-00000-1402
PMI-10-30/AS10-U-4	6317-00000-1402
PMI-20-10/AS10-U-4	6304-00000-1402
PMI-20-20/AS10-U-4	6324-00000-1402
PMI-20-30/AS10-U-4	6313-00000-1402

Accessories (more accessories, see last pages)

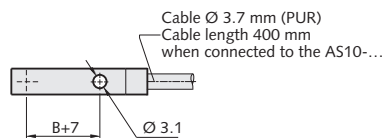
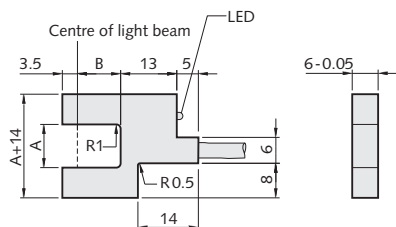
Article	Order No.
Connection cable:	
VK-M12-5-g (5 m, straight)	2112-00005-0500
VK-M12-5-w (5 m, angled)	2112-00005-1500
Extension cable 4-pin M12:	
VK-M12-g/M12 (2 m, straight)	2112-00002-0404
VK-M12-g/M12 (5 m, straight)	2112-00005-0404

PMI 6 mm series

Single-beam infrared fork light barriers with integrated amplifier – mounting block M16 – 5-pin connector

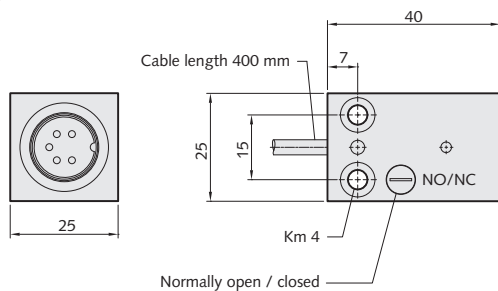
KISTLER

measure. analyze. innovate.



A [mm]:	5	10	10	10	20	20	20
B [mm]:	10	10	20	30	10	20	30

with mounting block AS10-U-5



Application

Feed control
Position control

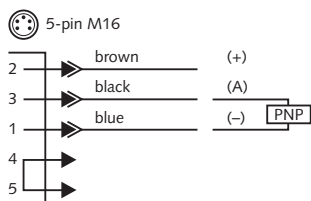
Specifications

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]:	5	10	20
Part diameter [mm]:	0.3	0.4	0.6

Pin configuration



Article	Order No.
PMI- 5-10/AS10-U-5	6311-00000-1502
PMI-10-10/AS10-U-5	6312-00000-1502
PMI-10-20/AS10-U-5	6320-00000-1502
PMI-10-30/AS10-U-5	6317-00000-1502
PMI-20-10/AS10-U-5	6304-00000-1502
PMI-20-20/AS10-U-5	6324-00000-1502
PMI-20-30/AS10-U-5	6313-00000-1502

Accessories (more accessories, see last pages)

Article	Order No.
Connection cable (with free cable end):	
VK-D/F-St-A (2 m)	2105-00002-0600
VK-D/F-St-A (5 m)	2105-00005-0600
Extension cable 5/6-pin M16:	
VK-D/D (2 m)	2104-00002-0606
VK-D/D (5 m)	2104-00005-0606