

PE-S2 6 mm series

Single-beam infrared fork light barriers with separate amplifier S2



measure. analyze. innovate.



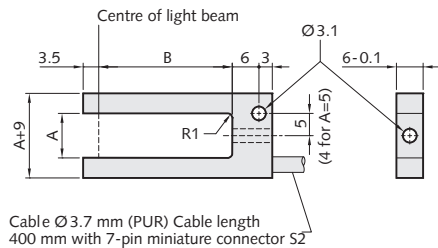
Application

Feed control
Position control

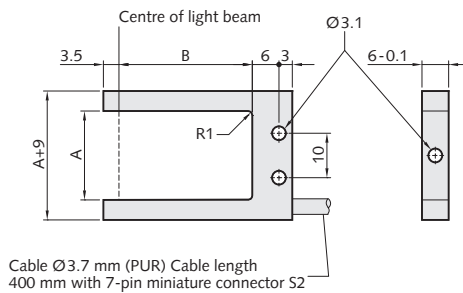
Specifications

Repeating accuracy	< 0.01 mm
Temperature range	0°C – 60°C
EMC according to 2014/30/EU	EN 61000... CEE
System of protection (for plug-in amplifier types S2-...)	IP 64
General tolerance of the housing	DIN ISO 2768-m

Up to PE-10-30/S2:



PE-20-30/S2 and PE-30-30/S2:



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

Resolution

Fork width A [mm]:	5	10	20	30
Part diameter [mm]:				
with chopped light amplifier, amplifier level I	>0.5	>0.7	>0.8	>1.0
with pulse amplifier	0.1	0.1	0.1	0.1

Article

Order No.

Article	Order No.
Fork light barrier (without amplifier):	
PE-5-5/S2	6027-06006-0000
PE-5-10/S2	6028-06006-0000
PE-10-10/S2	6029-06006-0000
PE-10-30/S2	6032-06006-0000
PE-20-30/S2	6034-06006-0000
PE-30-30/S2	6036-06006-0000

Accessories (more accessories, see last pages)

Article	Order No.
Amplifier 4-pin M12:	
S2-W-4-P2	2000-00008-4064
S2-D-4-P	2000-00008-4024
Amplifier 5-pin M16:	
S2-W-5-P2	2000-00008-0064
S2-D-5-P	2000-00008-0024
Mounting block:	
AS2	2300-00000-0002
Extension cable:	
VK-S2/7 (1 m)	2115-00001-0707