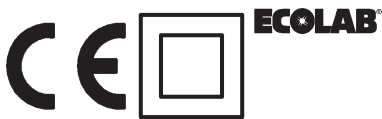


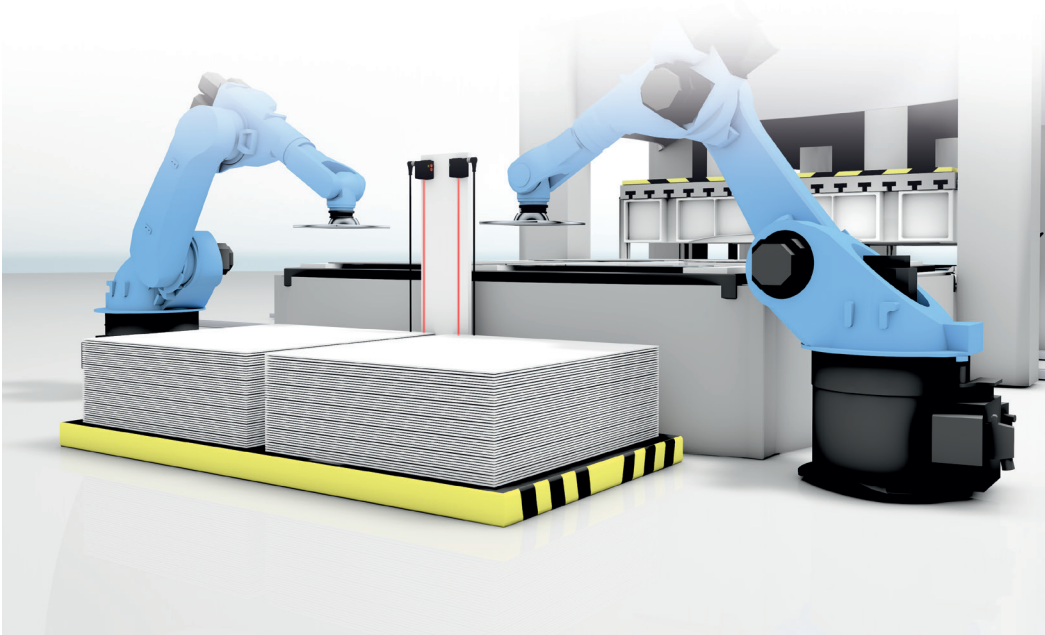
Photoelectric Distance Sensors BOD 23K with Laser Class 1

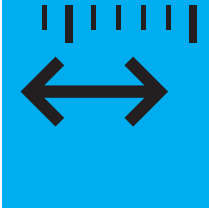
Reliable measurement – regardless of material and surface

- Stable measurement independent of the surface properties thanks to TOF technology
- Analog output with 2 teach points
- High range up to 5 m
- Maximum protection through laser class 1
- High repeat accuracy in the mm range
- High degree of protection in IP 67 and IP 69K
- Ecolab certified
- Laser class 1: variety of possible applications in the automotive industry
- Reliable positioning independent of material and surface characteristics
- Easy and intuitive operation of the sensor
- Compact design and convenient installation on the system
- Cost-effective solution for positioning tasks in 5 m measuring range



Stack height measurement of metal and plastic parts





Series		Series 23K	Series 23K	
Detection range Sd		100...5000 mm	100...5000 mm	
Analog I	Order code		BOD001P	
	Part number		BOD 23K-LB01-S92	
Analog U	Order code	BOD001N		
	Part number	BOD 23K-LA01-S92		
Light type		Laser red light	Laser red light	
Value range analog		0...10 V	4...20 mA	
Laser Class per IEC 60825-1		1	1	
Resolution		5.0 mm	5.0 mm	
Output curve deviation max.		± 0.6 % v. Wh	± 0.6 % v. Wh	
Switching freq. f max. (at Ue)		250	250	
Enclosure Type per IEC 60529		IP67	IP67	
Enclosure Type DIN 40050		IP69K	IP69K	
Housing material		ABS	ABS	
Sensing face material		PMMA	PMMA	

Accessories



Description	Mount. bracket for opt. sensor	Mount. bracket for opt. sensor	Mount. bracket for opt. sensor	
Order code	BAM01FK	BAM01FM	BAM027E	
Part number	BAM MB-XO-006-B05-4	BAM MB-XO-007-B05-4	BAM MC-XO-034-23K-4	



Connectors



Description	Connector/cable	Connector/cable		
Order code	BCC098C	BCC08FC		
Part number	BCC M415-0000-1A-017-PX0534-050	BCC M425-0000-1A-017-PX0534-050		



Services



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