

Through-Beam Sensors **BOS Q08M**

Red light instead of laser!



more added value



Through-Beam Sensors BOS Q08M

Red light instead of laser!

BALLUFF

sensors worldwide

- Detect small parts with red light
- Replaces laser types, with PinPoint technology for reliably detecting small parts down to 0.4 mm
- No more laser safety regulations
- Can be positioned precisely
- Range 2.2 m



Ordering code

■ Part number



		Emitter				Receiver											
		BOS Q08M-X-KS20-S49	BOS Q08M-X-KS20-00,2-S49	BOS Q08M-X-KS20-02	BOS Q08M-PS-KE20-S49	BOS Q08M-PS-KE20-00,2-S49	BOS Q08M-PS-KE20-02	BOS Q08M-PO-KE20-S49	BOS Q08M-PO-KE20-00,2-S49	BOS Q08M-PO-KE20-02	BOS Q08M-NS-KE20-S49	BOS Q08M-NS-KE20-00,2-S49	BOS Q08M-NS-KE20-02	BOS Q08M-NO-KE20-S49	BOS Q08M-NO-KE20-00,2-S49	BOS Q08M-NO-KE20-02	
Switching output	PNP																
	NPN																
Switching type	Light-on																
	Dark-on																
Connection	M8 connector, 3-pin	■			■			■	■	■				■	■	■	
	Cable with M8 connector, 3-pin		■			■			■		■	■			■		
	Cable			■			■			■			■			■	
Range		2.2 m															
Light type		Red light (small light spot)															
Switching frequency		400 Hz															
Smallest detectable part		0.4 mm															
Enclosure rating		IP 67															
Housing material		Nickel plated Gd-Zn															
Optical surface		PMMA															

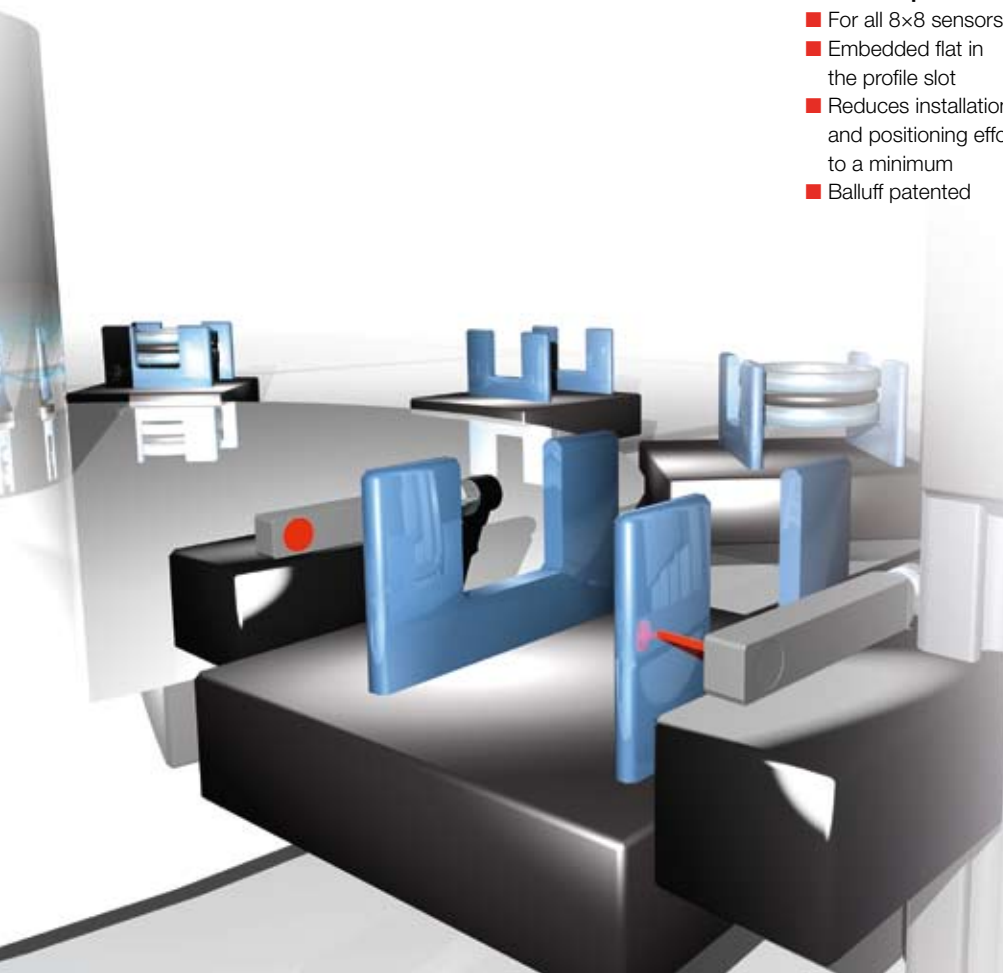
For additional information go to our Web site at www.balluff.com

New mounting concept – fasten quickly and simply in aluminum profiles

- For all 8x8 sensors
- Embedded flat in the profile slot
- Reduces installation and positioning effort to a minimum
- Balluff patented

For ITEM profile: **BES Q08M-KH-2**

For Bosch profile: **BES Q08M-KH-3**



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