

B25 Wide Beam Sensors



Reliable Wide-Beam Detection Gets More Packages to the Right Place at the Right Time

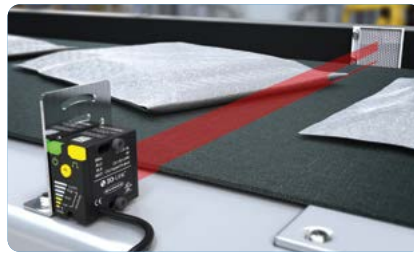
- Reliably detect leading edges of polybags, mailers, and boxes
- Delivers superior detection across a wide beam regardless of target shape, position, or material
- Avoids chatter caused by targets with folded edges, holes, or open flaps
- Perform quick setup and configuration using a single button, remote input wire, or IO-Link interface



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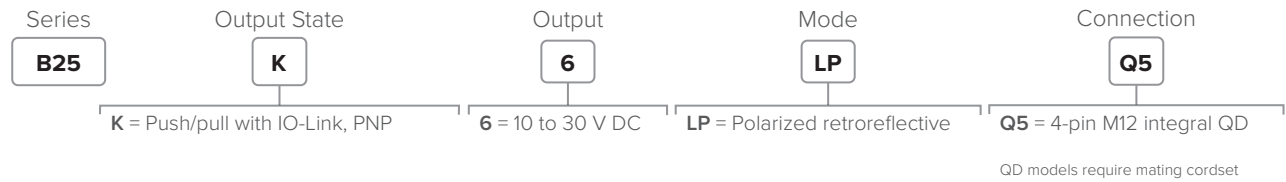
Mountable below belts; intelligently learns belt characteristics and optimizes sensing to filter out flutter and seams



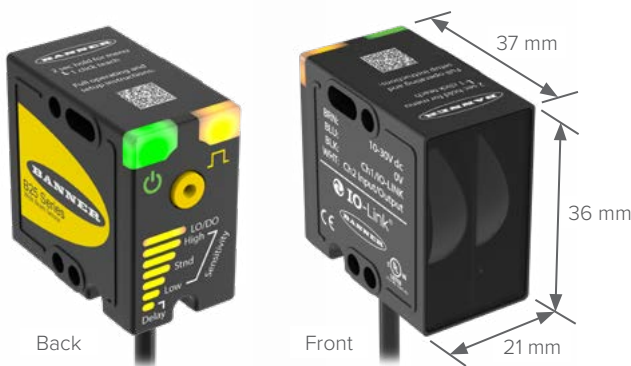
Detects leading edges of packages anywhere within the wide 25-millimeter beam



Consistently and reliably detects totes with holes because of wide sensing area



Specifications



Supply Voltage	10 to 30 V DC
Sensing Beam Size	25 mm
Minimum Object Detection	3 to 5 mm, distance dependent
Maximum Range	2 m
Response Time	0.5 ms
Operating Conditions	-30 to +60 °C
Environmental Rating	IP67
Certifications	CE, UL LISTED

Accessories



SMBB25RA



SMBB25P



BRT-51X51BM
Square reflector, 51 mm



DXMR110-8K
IO-Link Master

4-Pin M12

Straight connector models listed; for right-angle models, add RA to the end of model number (example, MQDC-406RA)



- MQDC-406
2 m (6.5')
- MQDC-415
5 m (15')
- MQDC-430
9 m (30')



4-Pin M12 Double-Ended
Straight connector models

- MQDEC-401SS
0.31 m (1')
- MQDEC-403SS
0.61 m (3')
- MQDEC-406SS
2 m (6.5')



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