





Omron Automation &amp; Safety


**E3S-BD31**

Part Number:	E3S-BD31
Manufacturer/Brand:	Omron Automation & Safety
Product description:	SENSR OPTO REFL 200MM SCREW HORZ
Datasheets:	 <a href="#">E3S-BD31.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













**Specifications of E3S-BD31**

PART NUMBER	E3S-BD31
MANUFACTURER	Omron Automation & Safety
DESCRIPTION	SENSR OPTO REFL 200MM SCREW HORZ
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 <a href="#">E3S-BD31.pdf</a>
VOLTAGE - SUPPLY	10 V ~ 30 V
SERIES	E3S-B
SENSING METHOD	Reflective, Diffuse
SENSING DISTANCE	7.874" (200mm)
RESPONSE TIME	500µs
OUTPUT CONFIGURATION	PNP - Dark-ON/Light-ON - Selectable
OTHER NAMES	E3SBD31
OPERATING TEMPERATURE	-25°C ~ 55°C
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LIGHT SOURCE	Red (700nm)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INGRESS PROTECTION	NEMA 4X, 6; IEC 144 IP67
CONNECTION METHOD	Cable
ADJUSTMENT TYPE	Adjustable, 3/4-Turn Potentiometer

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**Related Products**

 <p><b>E3S-BR11</b> Manufacturers: Omron Automation &amp; Safety Description: SENSOR OPTO REFL 1M SCREW HORZ In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>E3S-BD11 5M</b> Manufacturers: Omron Automation &amp; Safety Description: SENSR OPTO REFL 200MM SCREW HORZ In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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 <p><b>E3S-BR11 5M</b> Manufacturers: Omron Automation &amp; Safety Description: SENSOR OPTO REFL 1M SCREW HORZ In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>E3S-AT81-M1J 0.5M</b> Manufacturers: Omron Automation &amp; Safety Description: THRU-BEAM W/PIGTAIL CONN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>E3S-BR61</b> Manufacturers: Omron Automation &amp; Safety Description: SENSOR OPTO REFL 1M SCREW VERT In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>E3S-AT91</b> Manufacturers: Omron Automation &amp; Safety Description: 7M SEP PNP W/ALARM VERT In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>E3S-AT81-L 2M</b> Manufacturers: Omron Automation &amp; Safety Description: EMITTER ONLY FOR E3S-AT81 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>E3S-BD61</b> Manufacturers: Omron Automation &amp; Safety Description: SENSR OPTO REFL 200MM SCREW VERT In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>E3S-AT86</b> Manufacturers: Omron Automation &amp; Safety Description: 7M SEP PNP W/CONN VERT In stock: 3 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>E3S-BD81</b> Manufacturers: Omron Automation &amp; Safety Description: SENSR OPTO REFL 200MM SCREW VERT In stock: Out stock</p> <p><a href="#">RFQ</a></p>