

INDUSTRIAL COMPONENT DATA

HPR2-100RD AA052816G HPR2100RD OMRON LED ring light, OD 116 mm, ID 66 mm, red, indirect, 24 VDC

Brand: OMRON | Manufacturer Part Number: HPR2-100RD



Manufacturer	OMRON
MPN / Reference	HPR2-100RD
Catalog number	HPR2100RD
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
Document ID	EO-F944972517
Generated	2026-08-04

Product Overview

LED ring light, OD=116 mm, ID=66 mm, red, indirect, 24 VDC

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Vision Systems > Special

Additional Product Information

FeaturesQX-830 Industrial Barcode Scanner

The QX-830 industrial barcode scanner combines revolutionary flexible connectivity with high performance decoding capabilities to reliably read 1D barcodes in almost any automation environment. In addition to the X-Mode technology, the QX-830 features IP54 industrial sealing and embedded Ethernet protocols.

High performance, simple connectivity, and IP54 enclosure make the QX-830 an ideal industrial barcode scanner for any industrial application.

Scans/second: 300 to 1400

Read range: 25 to 762 mm

Embedded Ethernet TCP/IP & EtherNet/IP

IP54 enclosure

X-Mode Technology:

Decodes damaged, poorly printed, or misaligned codes. Ensures high read rates and throughput.

High Performance:

Aggressive decoding capabilities allow reliable reading of barcodes out to 762 mm, at up to a 254 mm beam width.

Real-time Feedback:

Visible LED indicators on the side of the scanner and a “good read” green flash projecting from the front window provide confirmation of the scanner’s performance. The green flash is visible within a complete 360 degree radius from the scanner.

Ethernet Protocols:

The QX-830 includes embedded Ethernet TCP/ IP and EtherNet/IP for high speed communication.

Flexibility:

The compact size of the QX-830 allows flexible positioning for a variety of applications.

Ordering information

Description

Order code

QX-830, Industrial Barcode Reader, Single Line, Low Density, Serial+Ethernet

FIS-0830-1001G

QX-830, Industrial Barcode Reader, Single...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / HPR2-100RD with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.