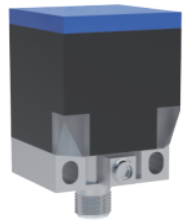
Q40S Rectangular Inductive Proximity Sensor

BIAS-R40-M2N25-S124-S series · Sensing Distance: 5...25mm(Non-Flush) · Operating Voltage: 18...30V DC

IP67
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **5...25mm(Non-Flush)**	OPERATING VOLTAGE **18...30V DC**
SWITCHING FREQ. **30Hz**	AMBIENT TEMP. **-25...70°C**
HOUSING **40*40*54mm**	INGRESS PROTECTION **IP67**

FEATURES

- Multiple analog output modes
- Good linearity

MODEL CODES

Output Type	Model Code
Analog current / voltage 0...20 mA / 0...10 V	**BIAS-R40-M2N25-S124-S** SKU 10104492

TECHNICAL DATA

Size	40*40*54mm
Sensing distance	5...25mm(Non-Flush)
Operating voltage	18...30V DC
Switching frequency	30Hz
Output	0...20mA, ≤0.4kΩ / 0...10VDC, ≥4.7kΩ
No-load current	≤8mA
Hysteresis	<10%(Sr)
Repeatability	<2%(Sr)
Linear accuracy	≤5%(Sr)

Switch protection	Short-circuit protection, Polarity reversal protection, Power-on
Ambient temperature	-25...70°C
Ingress protection	IP67
Housing material	PBT
Sensing face material	PBT
Connection	M12 Connector
Accessories	M12 4 pin cable with connector

DIMENSIONAL DRAWINGS



All dimensions in mm.