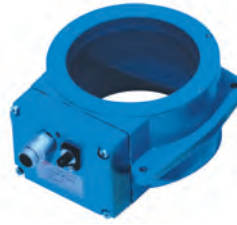


RING SENSORS

NORMAL SENSITIVITY RING SENSORS

FEATURES:

- 10-30VDC Supply
- Detection and Counting Application
- Compact and Robust Design
- Static Sensor Technology
- Various Ring Diameters (50-300mm)



RING DIAMETER	50mm (1.97in.)	100mm (3.94in.)	100mm (3.94in.)
SENSITIVITY	3.0mm (0.12in.)	6.0mm (0.24in.)	8.0mm (0.31in.)

Part No.

NPN Output	KJR-D50FAN-DNA-V2	KJR-D100AN-DNA-V2	KJR-D100FAN-DNA-V2
PNP Output	KJR-D50FAN-DPA-V2	KJR-D100AN-DPA-V2	KJR-D100FAN-DPA-V2

Sensor Data

Output	NO/ NC	NO/ NC	NO/ NC
Switching Frequency	500Hz	500Hz	500Hz
Switching State	LED	LED	LED
Connector	M12, 4 pole	M12, 4 pole	M12, 4 pole

Electrical Data

Operating Voltage	10-30VDC	10-30VDC	10-30VDC
Off-state Current	≤ 15mA	≤ 15mA	≤ 15mA
Max. Load Current	200mA	200mA	200mA
Residual Current	≤ 10μA	≤ 10μA	≤ 10μA
Ripple Voltage	≤ 10%	≤ 10%	≤ 10%
Voltage Drop	≤ 2.4V	≤ 2.4V	≤ 2.4V
Hysteresis	≤ 15%	≤ 15%	≤ 15%

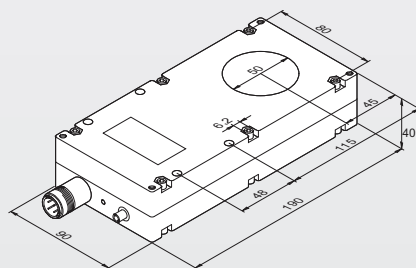
Environmental Data

Operating Temperature	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)	-25°C to +70°C (-13°F to +158°F)
Protection Class	IP54	IP54	IP54
Housing Material	Aluminum	Aluminum	Aluminum

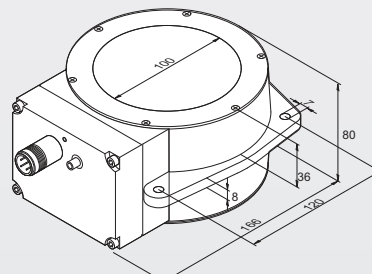
Accessories (page 11)

M12 Connecting Cable	2m	9512-5310	9512-5310	9512-5310
	5m	9512-5312	9512-5312	9512-5312
SDK4 Connecting Cable	2m	-	-	-
	5m	-	-	-
Control Unit	230VAC/ 24VDC	8349005011	8349005011	8349005011
	115VAC/ 24VDC	8349005013	8349005013	8349005013

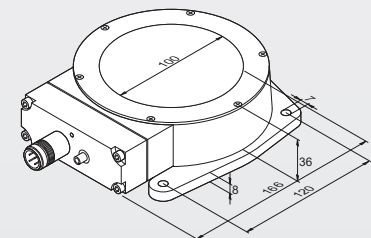
Dimensions



KJR-D50FAN-DNA-V2
KJR-D50FAN-DPA-V2



KJR-D100AN-DNA-V2
KJR-D100AN-DPA-V2



KJR-D100FAN-DNA-V2
KJR-D100FAN-DPA-V2