440NZ21US2AN9

Allen-Bradley 440N SensaGuard Rectr Plastic Sensor w/Act 2PNP Sfty 1PNP Aux 2A Mar Ind Fixed Mag 3m

NON-CONTACT INTERLOCKS



Component type	Magnetic proximity switch
Range	440N SensaGuard
Model	N/A
Product status	Existing

The Allen-Bradley Sensaguard Non-Contact switches feature RFID technology for coding, inductive technology for sensing and combine a large sensing range with optimal operation and a generous tolerance to misalignment. An ideal cost-effective solution that is suited to a wide range of safety applications and is intended for use with all types of guard doors.

ELECTRICAL	Type of actuation	Magnet
	Switching distance	18 mm
	Number of safety outputs	2
	Type of safety output	PNP
	Type of switching output	PNP
	Type of electric connection	Cable
CONSTRUCTION	Construction type housing	Cuboid
	Material housing	Other
	IP rating	IP69K
MECHANICAL	With status indication	Yes
ENVIRONMENT	Ambient temperature	-10…55 °C

Published on 11 September 2026

DIMENSIONAL DIAGRAM

Figure 1 - Actuator [mm (in.)]

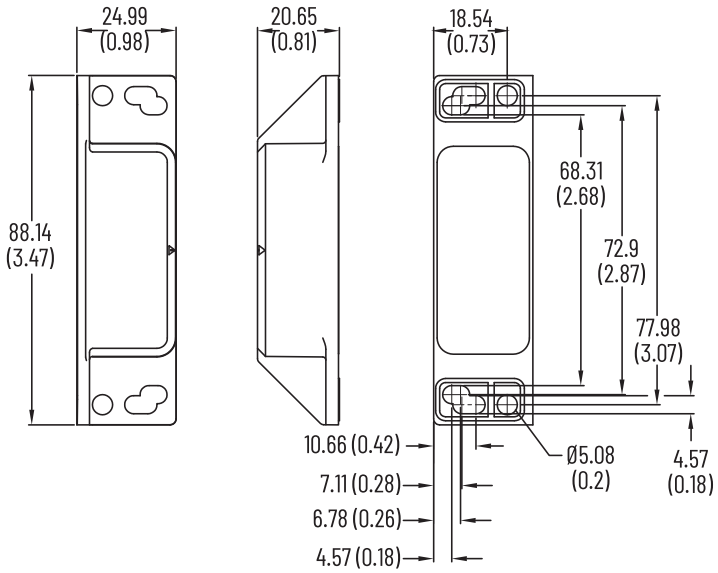
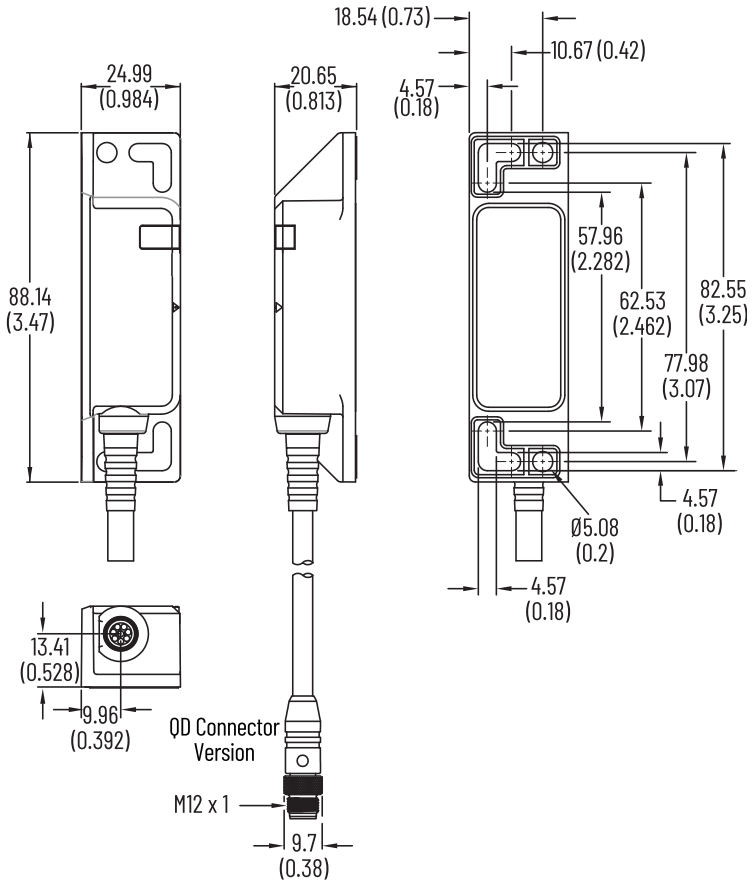


Figure 2 - Sensor Dimensions [mm (in.)]



RELATED PRODUCTS

ACCESSORY



Item No: 440CCR3022BBB

Required: No

Description: Allen-Bradley 440C CR30 Guardmaster Software Configurable Safety Relay 22 I/O



Item No: 440NZ18PTB

Required: No

Description: Allen-Bradley 440N SensaGuard 18mm Plastic Standard Actuator Series B



Item No: 440RD22R2

Required: No

Description: AB 440R GSR DI Safety Relay Dual Input 24VDC 1NC/2NC/OSSD-IN 2NO-SFTY-OUT 1SS-AUX



Item No: 440RS12R2

Required: No

Description: AB 440R GSR SI Safety Relay Single Input 24VDC 2NC OSSD 2NO 1 Solid State Auxiliary Output



Item No: 440SSF5D

Required: No

Description: Allen-Bradley 440S Guardlink ENABLED TAP 5PIN OSSD OUPUT SIGNAL SWITCHING PTR



Item No: 440SSF8D

Required: No

Description: Allen-Bradley 440S Guardlink ENABLED TAP 8PIN OSSD OUPUT SIGNAL SWITCHING PTR



Item No: 602649

Required: No

Description: Allen-Bradley Photoelectric Sensor Swivel or Tilt Mounting Bracket for 42EF



Item No: 871ABP18

Required: No

Description: Allen-Bradley 871 Inductive Proximity Sensor Mounting Bracket Clamp Plastic Harsh Environment 18mm



Item No: 871ABRS18

Required: No

Description: Allen-Bradley 871 Inductive Proximity Sensor Mounting Bracket Right Angle Stainless 18mm



Item No: 871ASCBP18

Required: No

Description: Allen-Bradley 871 Proximity Sensor Mounting Bracket Snap Clamp 18mm



Item No: 889DF4NE15

Required: No

Description: AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 15m



Item No: 889DF4NE2

Required: No

Description: AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 2m



Item No: 889DF4NE20

Required: No

Description: AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 20m



Item No: 889DF4NE30

Required: No

Description: AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 30m

Item No: 889DF4NE5

Required: No

Description: Allen-Bradley 889D Cable PVC Red 4 Pin 18AWG DC Micro Female 5m



Item No: 889DF4NEDM0M3

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 0.3m



Item No: 889DF4NEDM0M6

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 0.6m

RELATED PRODUCTS

ACCESSORY



Item No: 889DF4NEDM1

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 1m

Item No: 889DF4NEDM10

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 10m



Item No: 889DF4NEDM15

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 150m



Item No: 889DF4NEDM2

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 2m



Item No: 889DF4NEDM20

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 20m



Item No: 889DF4NEDM3

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 3m



Item No: 889DF4NEDM30

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 30m



Item No: 889DF4NEDM5

Required: No

Description: AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 5m



Item No: 889DF4NEDM99

Required: No

Description: Allen-Bradley 889 Cable PVC Red 4pin 18Awg Dc Micro M Dc Micro F 99M



Item No: 889DF8AB10

Required: No

Description: AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 10m



Item No: 889DF8AB15

Required: No

Description: AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 15m



Item No: 889DF8AB2

Required: No

Description: AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 2m



Item No: 889DF8AB20

Required: No

Description: AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 20m



Item No: 889DF8AB30

Required: No

Description: AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 30m



Item No: 889DF8AB5

Required: No

Description: AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 5m



Item No: 889DF8ABDM1

Required: No

Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 1m

RELATED PRODUCTS

ACCESSORY



Item No: 889DF8ABDM10
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 10m



Item No: 889DF8ABDM15
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 15m



Item No: 889DF8ABDM2
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 2m



Item No: 889DF8ABDM20
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 20m



Item No: 889DF8ABDM3
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 3m



Item No: 889DF8ABDM30
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 30m



Item No: 889DF8ABDM4
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 4m



Item No: 889DF8ABDM5
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 5m



Item No: 889DF8ABDMOM3
Required: No
Description: AB 889D Cordset PVC Black 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 0.3m



Item No: 889DF8NBDM0M3
Required: No
Description: AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 0.2m



Item No: 889DF8NBDM0M6
Required: No
Description: AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 0.6m



Item No: 889DF8NBDM1
Required: No
Description: AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 1m



Item No: 889DF8NBDM10
Required: No
Description: AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 10m



Item No: 889DF8NBDM2
Required: No
Description: AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 2m



Item No: 889DF8NBDM20
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Description: AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 30m

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NON-CONTACT INTERLOCKS

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ACCESSORY



Item No: 889DF8NBDM5

Required: No

Description: AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 5m

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