



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED FOR PRODUCTION	9/27/2021	DMM

42S SERIES PROPERTIES TABLE		
ENVIRONMENT RATING	IP68*	
	(*RATING MAY CHANGE IF INSTALLER MILLS CABLE GLAND OUTSIDE OF TOLERANCE)	
COMPONENT	MATERIAL	FINISH
BODY/BASE	316 SS	BURNISHED
VIEWPORT	CLEAR ACRYLIC	ABR2
GASKET	SILICONE	NONE
ARM/ADAPTOR	6061 ALUMINUM	NONE
HARDWARE	316 SS - EXTERNAL, 18-8 SS - INTERNAL	NONE



TOLERANCES UNLESS OTHERWISE SPECIFIED	
MACHINING	SHEET METAL
X.X 0.0250"	SOLE TO HOLE (DAMN SURFACE)
X.XX 0.0100"	X.X 0.005"
X.XXX 0.0050"	X.XX 0.010"
X.XXXX 0.0005"	X.XXX 0.005"
ANGULAR 0.5°	SOLE TO FOLDED EDGE
DEBURR ALL	X.X 0.005"
	X.XX 0.025"
	X.XXX 0.015"
	SOLE TO EDGE
	X.X 0.045"
	X.XX 0.035"
	X.XXX 0.020"
	ANGULAR 1.0°

APG Vision LLC 4055 Alpha Drive Allison Park, PA 15101 USA Phone +1 (412) 487-8211 apgvision.com				
DESCRIPTION: 42S 9.5IN EXTENDED ENCLOSURE FOR COGNEX DM470				
MATERIAL: SEE BOM				
FINISH: SEE BOM				
DRAWN BY: DMM	DATE: 9/27/2021	SCALE: 1:3	SHY SIZE: B	APPROX WEIGHT (LBS): 8.182
CHECKED BY: DMM	DATE: 9/27/2021	PART NUMBER: 42S-BJ		REVISION: A
AS PART OF OUR POLICY OF CONTINUING DEVELOPMENT, APG VISION LLC RESERVES THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.				
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