



# MAXSEAL PRODUCT DATA SHEET

Part Number	Y123AA1V1BS			Model	IC04S	
Description	IC04S Exd-20BAR-3/2 AUT 1/4NPT-VIT-M20 COND-24VDC-FX STUD					
Certification	Exd IIC T6 (Tamb = -60 C TO +48 C) <b>OR</b> Exd IIC T4 (Tamb = -60 C TO +90 C)					
FM Certification	FM-3038295	Class I, Division 1, Groups B, C and D				
ATEX Certification	SIRA 00ATEX1147	Ex II 2 GD				
IECEX Certification	IECEX BAS 04.0019					
Safety Integrity Level	SIL 3 OR SIL 4 (SIL 4 IN A REDUNDANT CONFIGURATION ONLY)					
Ingress Protection	IP66/X8			NEMA	NEMA 4X	
Pressure Min/Max	0-20 BAR	Port Size	1/4 INCH	Process Connections	NPT	
Number of Ports	3/2 UNIVERSAL (15 BAR MAX IN REVERSE OPERATION)					
Operation	AUTOMATIC					
Seat Material	VITON			Seal Material	VITON	
Body / Trim Material	316L STAINLESS STEEL / 316L STAINLESS STEEL					
Conduit / Signal Conns	M20 x 1.5mm 150 (F)			Pilot Pressure		
Voltage (Nominal)	24V DC			Pull-in Voltage	>= 87.5% of NOMINAL	
Response Times (Typ)	Pull-in	< 150MS	Drop Out	< 80MS	Drop-Out Voltage	10 - 20% of NOMINAL
Coil Rating	125 ohms			Power Consumption	4.5 watts	
Voltage Protection	SURGE SUPPRESSION DIODES FITTED AS STD			Coil Encapsulation	CLASS H	
Media	CUSTOMER TO SPECIFY AND CONFIRM COMPATIBILITY			Coil Duty Cycle	100%	
Media Temp Min/Max	-20/90 °C		Ambient Temp Min/Max	MUST BE USED WITHIN 'T' CLASS TEMP RANGES SHOWN		
Flow Rates	0.8 C <sub>v</sub> (USgpm for 1 psi Δp)			11.5 K <sub>v</sub> (l/min for 1 bar Δp)		
Paint Finish	STAINLESS STEEL COIL HOUSING - UNPAINTED			Weight	5.5 Kg	
Options	NACE MR-0175-2003 COMPLIANT					
Leak Performance	BUBBLE TIGHT					
Recommended Spares	PLEASE CALL		Soft Spares	PLEASE CALL Spare Coil		
Build Requirements	1 X SHIM - MOLYKOTE 111 GREASE					
Comments						

## CONTACT DETAILS

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