



TECHNICAL DATA	
EXPLOSION-PROOF PROTECTION:	
ATEX	
⊕ II 2G Ex db IIC T6, T5 Gb	
⊕ II 2D Ex tb IIIC T85°C, T100°C Db	
⊕ I M2 Ex db I Mb	
IECEx	
Ex db IIC T6, T5 Gb	
Ex tb IIIC T85°C, T100°C Db	
Ex db I Mb	
Protection IP 67	DIN 40050 Part 9
Ambient-Temperatures: -20 to 40 °C	
Working Duty ED 100% DIN VDE 0580	
Max.Operating Pressure: 350 bar	
IMPORTANT: Please contact our Sales Department for any information.	

X	OPTIONS	
	THREADS	∅ d
08W	3/4"-16UNF-2A	∅ 12.7
10W	7/8"-14UNF-2A	∅ 15.87
12W	1-1/16"-12UN-2A	∅ 22.22
16W	1-5/16"-12UN-2A	∅ 28.60
17E	G 3/4"	∅ 23.50
19E	3/4"-16UNF-2A	∅ 15.87
21E	G 1"	∅ 30.00
13A	M20x1.5	∅ 17.45
20M	M20x1.5	∅ 15.00

Z	OPTIONS					
	Voltage (V)	Resistance (Ω)	Power (W)	Current (A)		ΔT °F(°C)
	Nominal	Ta=68 to 77°F (20 to 25°C)	Cold Coil	Cold Coil	Hot Coil	
D	24VDC	72±7%	7	0.33	0.23	140 (60)
E	12VDC	17.4±7%	7	0.67	0.53	170 (77)

Y	OPERATION	
	SYMBOL	DESCRIPTION
01		Please pay attention to the flow direction and arrow direction of the check valve on symbol.
02		For example: when Y = 01, only allow the flow from port ② to port ① when energizing.
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05		IMPORTANT: Please contact the sales dept. of Winner Hydraulics Corp. for more detailed technical information.
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