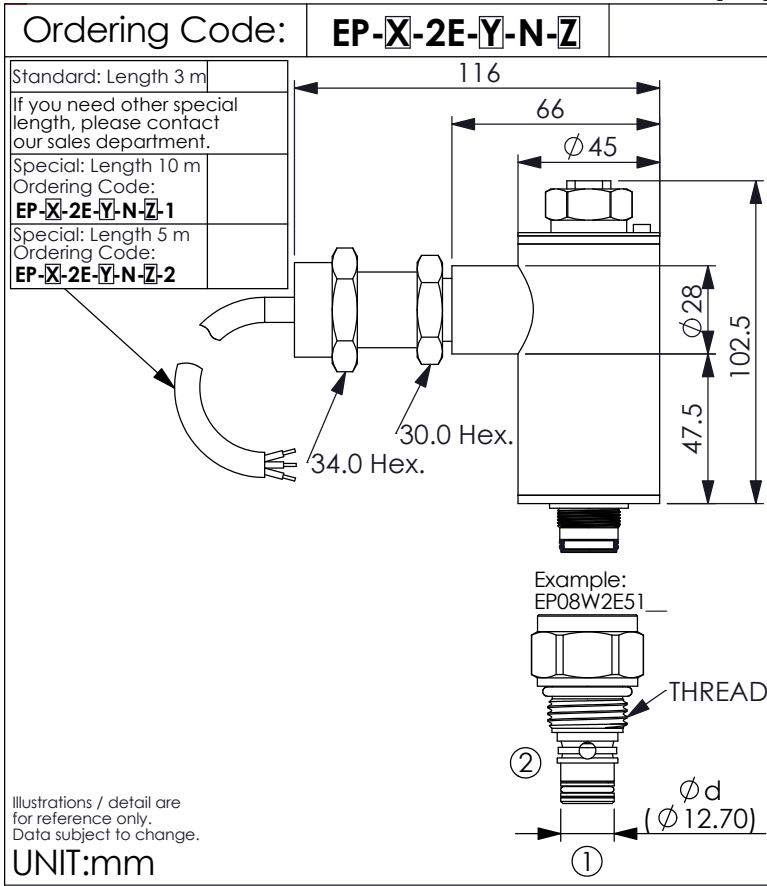


## SOLENOID OPERATED VALVE (Direct-Acting) (Poppet 2-Way With Explosion-Proof Solenoid)



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

OPERATION		
Y	SYMBOL	DESCRIPTION
51		Please pay attention to the flow direction and arrow direction of the check valve on symbol.
52		For example: when Y = 51, allow the bidirectional flow when energizing.
<p><b>IMPORTANT:</b> Please contact the sales dept. of Winner Hydraulics Corp. for more detailed technical information.</p>		

X	OPTIONS		
	THREADS	∅ d	
<b>08W</b>	3/4"-16UNF-2A	∅ 12.70	
<b>10W</b>	7/8"-14UNF-2A	∅ 15.87	
<b>19E</b>	3/4"-16UNF-2A	∅ 15.87	
<b>13A</b>	M20x1.5	∅ 17.45	
<b>20M</b>	M20x1.5	∅ 15.00	
<b>22M</b>	M22x1.5	∅ 19.00	

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	
<b>D</b>	24VDC	72±7%	7	0.33	0.23	140 (60)
<b>E</b>	12VDC	17.4±7%	7	0.67	0.53	170 (77)