


TopWorx™ T-Series TVF, TVL, TVH & TVA

Consult factory for options not shown below.

Enclosure	Bus/Sensor	Area Classification	Visual Display	Shaft
<p>TVF Tropicalized Aluminum base with clear resin lid</p> <p>TVL Tropicalized Aluminum base and Lid</p> <p>TVH 316 Stainless Steel base and lid</p> <p>TVA Engineered Resin (Area Class must be W or 0), (Only available with Bus/Sensors AS, AM (with or w/o pilot valve) M, K, T, R, P or E (w/o pilot valve))</p>	<p>Bus Network (area class cannot be 0)</p> <p>AS AS-Interface DN DeviceNet PB Profibus DP</p> <p>Mechanical Switches (Area class cannot be 2) M2 (2) Mech SPDT M4 (4) Mech SPDT K2 (2) Mech SPDT w/ gold contacts T2 (2) Mech DPDT</p> <p>Proximity Switches R2 (2) SPDT 200mA max R4 (4) SPDT 200mA max *P2 (2) SPDT 3A max (*Not recommended with area class 0)</p> <p>Analog Output (Available with M, K, T, E)(Not available w/ pilot/spool valve) _X 4-20 mA Transmitter</p> <p>Inductive Sensors E2 (2) p+f NJ2-V3-N inductive NAMUR 12 (2) Ind prox PNP N/O (Area class can only be "W")</p> <p>Examples: 0X 4-20 mA Transmitter with no switches</p> <p>MX 4-20 mA Transmitter with mechanical switches</p> <p>AS AS-i with "R" type reed switches</p>	<p>0 Intrinsically safe ATEX/IECEX Zone 1 II2GD Ex ia IIC Ex tb IIIC, IP66/68 (Dust groups TVL/TVH only) CI I Div 1 Grps-A-D; CI II Div 1 Grps E-G (TVA/ATEX/IECEX Only)</p> <p>2 Non-incendive ATEX/IECEX Zone 2 II3GD Ex nA nC IIC Ex tc IIIC, IP66/68 CI I Div 2 Grps A-D; CI I Div 2 Grps F & G</p> <p>W No approvals, Type 4, 4X IP66/68</p> <p>G General Purpose Type 4X (Not available on TVA)</p> <p>TVF, TVL & TVH 10pt. terminal strip w/pilots 12pt. terminal strip w/o pilots</p> <p>TVA 8pt. terminal strip w/o pilots</p>	<p>G Standard 90° Green OPEN, Red CLOSED</p> <p>R Standard 90° Green CLOSED, Red OPEN</p> <p>B 90° Black OPEN, Yellow CLOSED</p> <p>F Flat-top with skirt indicator (TVL & TVH only) (Indicator not provided with "L" Shaft option)</p> <p>Y 90° Yellow OPEN, Black CLOSED</p> <p>T Green THRU, Red DIVERT</p> <p>K 3 Way L Port, Green/Red</p>	<p>N NAMUR 304 stainless steel</p> <p>L 1" Extended Linear Shaft (TVL/TVH only)</p> <p style="text-align: center;">See next column</p> <p style="text-align: center;"></p>
Enclosure	Bus/Sensor	Area Classification	Visual Display	Shaft

Ordering Guide
Fill in the boxes to create your 'ordering number.'

T-Series Mounting Kits (All hardware included)

Description	Part Number	List Price	Description	Part Number	List Price
Mounting Kits for TVF/TVL			Stainless Steel Mounting Kits for TVH		
Mounting Kit for 20 x 80	AV-TA01		Mounting Kit for 20 x 80	AV-TS01	
Mounting Kit for 20 x 80 (flattop only)	AV-TA02		Mounting Kit for 20 x 80 (flattop only)	AV-TS02	
Mounting Kit for 30 x 80	AV-TA03		Mounting Kit for 30 x 80	AV-TS03	
Mounting Kit for 30 x 80 (flattop only)	AV-TA04		Mounting Kit for 30 x 80 (flattop only)	AV-TS04	
Mounting Kit for 30 x 130	AV-TA05		Mounting Kit for 30 x 130	AV-TS05	
Mounting Kit for 30 x 130 (flattop only)	AV-TA06		Mounting Kit for 30 x 130 (flattop only)	AV-TS06	
Mounting Kit for 50 x 130	AV-TA07		Mounting Kit for 50 x 130	AV-TS07	
Mounting Kit for 50 x 130 (flattop only)	AV-TA08		Mounting Kit for 50 x 130 (flattop only)	AV-TS08	
Mounting Kit for existing standard shaft brackets	AV-PL001-1				
Resin Mounting Kits for TVA					
Mounting Kit for 20 x 80	AL-TR01				
Mounting Kit for 30 x 80	AL-TR04				
Mounting Kit for 30 x 130	AL-TR07				
Mounting Kit for 50 x 130	AL-TR09				

Conduit Entries	O-Rings	Pilot	Spool Valve	Valve Cv	Manual Override	Regional Certs
<p>TVF/TVL/TVH P (2) 1/2" NPT</p> <p>M (2) M20</p> <p>E (2) 3/4" NPT</p> <p>1 (2) M25</p> <p>TVA A (2) 1/2"NPT Resin C (2) M20 Resin</p>	<p>M Silicone</p>	<p>Blank No pilot device(s)</p> <p>1 (1) 24Vdc pilot, fail open/closed 1W (non I.S.) 0.5W (I.S.)</p> <p>2 (2) 24Vdc pilots fail last position 1W (non-I.S.) (Not available in TVA) 0.5W (I.S.)</p> <p>4 (1) 220Vac pilot, 3VA fail open/closed (Not available in TVA)</p> <p>5 (2) 220Vac pilots, 3VA fail last position (Not available in TVA)</p> <p>7 (1) 110Vac pilot, 3VA, fail open/closed (Not available in TVA)</p> <p>8 (2) 110Vac pilots, 3VA fail last position (Not available in TVA)</p>	<p>Blank No spool valve</p> <p>A Aluminum Hard coat anodized</p> <p>6 316 Stainless steel</p>	<p>Blank No spool valve</p> <p>1 1.0 Cv (1/4" NPT Ports)</p> <p>8 1.0 Cv (1/4" BSP Ports)</p>	<p>Blank No override</p> <p>1 Single Pushbutton Momentary/Latching</p> <p>2 Dual Pushbutton Momentary Latching</p>	<p>N NEPSI</p> <p>R EAC (Not available in TVA)</p> <p>B InMetro (Area Class "0"only)</p> <p>P Peso (Gas approval only)</p>
<p>Conduit Entries</p> <p>—</p>	<p>O-Rings</p> <p>—</p>	<p>Pilot</p> <p>—</p>	<p>Spool Valve</p> <p>—</p>	<p>Valve Cv</p> <p>—</p>	<p>Manual Override</p> <p>—</p>	<p>Regional Certs</p> <p>—</p>