

TopWorx™ T-Series TVF, TVL, TVH & TVA

Consult factory for options not shown below.

Enclosure	Bus/Sensor	Area Classification	Visual Display	Shaft
TVF Tropicalized Aluminum base with clear resin lid TVL Tropicalized Aluminum base and Lid TVH 316 Stainless Steel base and lid 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))	Bus Network (area class cannot be 0) AS AS-Interface DN DeviceNet PB Profibus DP 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 Proximity Switches R2 (2) SPDT 200mA max R4 (4) SPDT 200mA max *P2 (2) SPDT 3A max (*Not recommended with area class 0) Analog Output (Available with M, K, T, E)(Not available w/ pilot/spool valve) _X 4-20 mA Transmitter Inductive Sensors E2 (2) p+f NJ2-V3-N inductive NAMUR 12 (2) Ind prox PNP N/O (Area class can only be "W") Examples: 0X 4-20 mA Transmitter with no switches MX 4-20 mA Transmitter with mechanical switches AS AS-i with "R" type reed switches	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) 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 W No approvals, Type 4, 4X IP66/68 G General Purpose Type 4X (Not available on TVA) TVF, TVL & TVH 10pt. terminal strip w/pilots 12pt. terminal strip w/o pilots TVA 8pt. terminal strip w/o pilots	G Standard 90° Green OPEN, Red CLOSED R Standard 90° Green CLOSED, Red OPEN B 90° Black OPEN, Yellow CLOSED F Flat-top with skirt indicator (TVL & TVH only) (Indicator not provided with "L" Shaft option) Y 90° Yellow OPEN, Black CLOSED T Green THRU, Red DIVERT K 3 Way L Port, Green/Red	N NAMUR 304 stainless steel L 1" Extended Linear Shaft (TVL/TVH only)
Enclosure Bus/Sensor Area Classification Visual Display Shaft				

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

See next column



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