

TopWorx™ D-Series, DXP, DXR & DXS Consult factory for options not shown below.

Enclosure	Bus/Sensor	Area Classification	Visual Display	Shaft	Conduit Entries
<p>DXP Tropicalized Aluminum</p> <p>DXR Composite Resin ("S" Silicone O-Rings only; Stainless steel conduit entries) (Area Classification "0" only available with ATEX/IECEX approvals)</p> <p>DXS 316 Stainless steel (Only available with R & M shaft options)</p>	<p>Bus Network AS AS-Interface w(2) SPDT GO Switches (Area class cannot be 0) *FF Foundation Fieldbus w/ 0 -10K Pot *FL Foundation Fieldbus w/(2) SPDT GO Switches *FP Foundation Fieldbus w/(2) SPDT GO Switches and 0-10K Pot DN DeviceNet w(2) SPDT GO Switches (Area class cannot be 0) PB Profibus w(2) SPDT GO Switches (Area class cannot be 0)</p> <p>Partial Stroke Test ES ESD/PST Module w/GO Switch (Area class cannot be 0)</p> <p>GO Switches L2 (2)GO Switches SPDT hermetic seal L4 (4)GO Switches SPDT hermetic seal(not available with pilot) Z2 (2)GO Switches DPDT hermetic seal Z4 (4)GO Switches DPDT hermetic seal, (not available with pilot)</p> <p>Mechanical Switches (Area class cannot be 2, DXR with G approval not available with pilot) M2 (2)Mech SPDT M4 (4)Mech SPDT M6 (6)Mech SPDT T2 (2)Mech DPDT K2 (2)Mech SPDT gold contacts K4 (4)Mech SPDT gold contacts</p> <p>Proximity Switches R2 (2) SPDT Prox switches R4 (4) SPDT Prox switches (R2 & R4 only available with DXR and Ex me certification)</p> <p>Inductive Sensors E2 (2) p+f NJ2-V3-N inductive NAMUR E4 (4) p+f NJ2-V3-N inductive NAMUR</p> <p>Analog Output (Available with 2-switch options only for L,Z,M,K,E,T) _X 4-20mA transmitter _H 4-20mA transmitter with HART (Not available with switch option T; LH not available w/pilot valve) (LH, ZH Not available with DXR)</p> <p>Example: LH =(2) GO Switches with HART™ transmitter</p> <p>* *FF, *FL and *FP with Area Classification "0" has an ib protection</p>	<p>0 Intrinsically safe (Bus/sensor cannot be AS, DN, ES, PB, or _X; Requires appropriate I.S. barrier) - North America Class I Div 1&2 Groups A, B, C, D Type 4, 4X - ATEX/IECEX Zone 0 II2GD, T6/T4 Ex ia IIC Ex tb IIIC, IP66/67 (Foundation Fieldbus) Zone 1, Ex ib IIC T4, IP67</p> <p>1 Explosion proof / Flame proof (DXP/S only) - North America Class I Div 1 Groups C, D; Class I Div 2, Groups A, B, C, D. (Groups A & B must be hermetically sealed) Type 4, 4X, - ATEX/IECEX Zone 1 II2G, II2GD, T6/T4/T3 Ex d IIB+H2 Ex tb IIIC IP66/67 (O-Rings must be S for DUST certification)</p> <p>2 Non-incendive (Bus/sensor must be L, Z, P, E, AS, FF, _X, _H, _E or DN) - North America Class I Div 2 Groups A, B, C, D; Class II Div 2 Groups F,G - ATEX (DXP/S only) II3G Ex nA nC tb, IP66/67 (O-Rings must be S for DUST certification)</p> <p>G General Purpose Type 4, 4X (not available with DXR with mechanical switches)</p> <p>C Flameproof (DXS not available with valve; Conduit entries must be E or M) ATEX/IECEX II2G, II2GD, T6/T4/T3 Ex d IIC Ex tb IIIC IP66/67</p> <p>M Flameproof (only available with R2 and R4 sensor options) (DXR only) ATEX/IECEX Zone 1, II2GD Ex e mb IIC T4, Ex tb IIIC T66 IP67 (Not available w/ pilot)</p> <p>W No approvals; Type 4, 4X IP66/68</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>Y 90° Yellow OPEN, Black CLOSED</p> <p>1 3 way, 90° L Port </p> <p>3 3 way, 90° T Port </p> <p>5 3 way, 90° T Port </p> <p>7 3 way, 180° T Port 3 position </p> <p>9 3 way, 180° T Port 3 position </p> <p>For complete information on certification options, go to www.topworx.com and download the applicable product certificate.</p>	<p>S 1/4" DD 304 stainless steel</p> <p>N NAMUR 304 stainless steel</p> <p>R 1/4" DD 316 stainless steel (Shaft & external hardware) \$186 (Adder does not apply to DXS)</p> <p>M NAMUR 316 stainless steel (Shaft & external hardware) \$186 (Adder does not apply to DXS)</p>	<p>DXP/DXS (Metal Conduit Entries) E (2) 3/4" NPT No Adder</p> <p>4 (2) 3/4" NPT (2) 1/2" NPT</p> <p>M (2) M20</p> <p>3 (4) M20</p> <p>6 (4) 3/4" NPT</p> <p>DXR P (2) 1/2" NPT</p> <p>E (2) 3/4" NPT</p> <p>M (2) M20</p> <p>See next column </p>
Enclosure	Bus/Sensor	Area Classification	Visual Display	Shaft	Conduit Entries

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

O-Rings	Pilot	Spool Valve	Valve Cv	Manual Override	Regional Certs
<p>B Buna-N</p> <p>S Silicone</p> <p>NOTE: For Temperatures below -40°C, Silicone o-rings are recommended</p>	<p>Blank No pilot device(s) No Adder</p> <p>1 (1) 24 Vdc pilot, fail open/closed 0.5 W (non- I.S.)</p> <p>0.5W (I.S)</p> <p>2 (2) 24 Vdc pilots, fail last position 0.5W (non-I.S)</p> <p>0.5W (I.S)</p> <p>4 (1) 220 Vac pilot, 2W, fail open/closed</p> <p>5 (2) 220 Vac pilots, 2W, fail last position</p> <p>7 (1) 110 Vac pilot, 1.1W, fail open/closed</p> <p>8 (2) 110 Vac pilots, 1.1W, fail last position</p> <p>P (1) piezo pilot, fail open/closed (FF only)</p> <p>R (2) piezo pilots, fail last position (FF only)</p>	<p>Blank No Spool Valve</p> <p>A Aluminum Hard coat anodized (IP65)</p> <p>6 316 Stainless steel (IP65)</p>	<p>Blank No Spool Valve</p> <p>2 .86 Cv (1/4" NPT Ports)</p> <p>3 3.7 Cv (1/2" NPT Ports) (For manual override consult factory) (Spool Valve A) (Spool Valve 6)</p>	<p>Blank No override</p> <p>1 Single Pushbutton Momentary/Latching</p> <p>2 Dual Pushbutton Momentary/Latching</p> <p>T Partial stroke test button with lockable cover (Sensor ES only) (Not avail w/ Area Class C) (DXP/S - Conduit Entries 4 or 3 only. DXR - consult factory)</p>	<p>Blank No Regional Cert</p> <p>B InMetro (Area Class 0,1 and C only)</p> <p>N NEPSI</p> <p>F FISCO (Bus/Sensor must be FF; Area Class must be 0)</p> <p>K KOSHA (DXP/S only) (Area class 1 or C)</p> <p>R EAC (DXP/S only)(O-Rings must be B or S, B= Gas Approved;S = Gas/Dust Approved)</p> <p>A ANZEx Ex d IIC, Ex d IIB+H2 (DXP/S only)</p> <p>P PESO (India) (Gas approval only)</p>
O-Rings	Pilot	Spool Valve	Valve Cv	Manual Override	Regional Certs

Accessories

Description	Part Number	List Price
Pneumatic Accessories		
Flow Control, 1/8" NPT (1 per kit)	AL-M20	
Flow Control, 1/4" NPT (1 per kit)	AL-M21	
Flow Control, 1/2" NPT (1 per kit)	AL-M22	
Exhaust Protectors, 1/4" NPT (2 per kit)	AL-M32	
Exhaust Protectors, 1/2" NPT (2 per kit)	AL-M33	
Miscellaneous		
TopWorx Demo Case	ATK2	
(Includes Valvetop DXP, TXP, TVA, cutaway GO Switch models 20, 35, & 70, and accessories)		
ESD Demo Case	ATK-ESD	
(Includes working DXP-ES1GN4B1A2T mounted to rack and pinion actuator with control box)		