

# World Solenoid II

## XV XT

**General Description:**

A compact, heavy duty, low power solenoid with class leading ingress protection. Manufactured in stainless steel for use in Hazardous Locations, with IEC, ATEX, and North American Certifications.

Media: Pneumatic and Hydraulic

**Power Consumption & Pressure:**

Standard	1.8 watt, to 200 psi*
Optional	0.85 watt, to 150 psi* (DC only)
	0.5 watt, to 120 psi* (DC only)

**Materials of Construction:**

Housing	High performance 420 stainless steel with electroless nickel plating
Wetted Parts	300 & 400 series stainless steel
Elastomers	FKM. (low temp available)

**Coil / Duty:**

Class H, Epoxy molded coils rated for continuous duty

**Temperature Classes:**

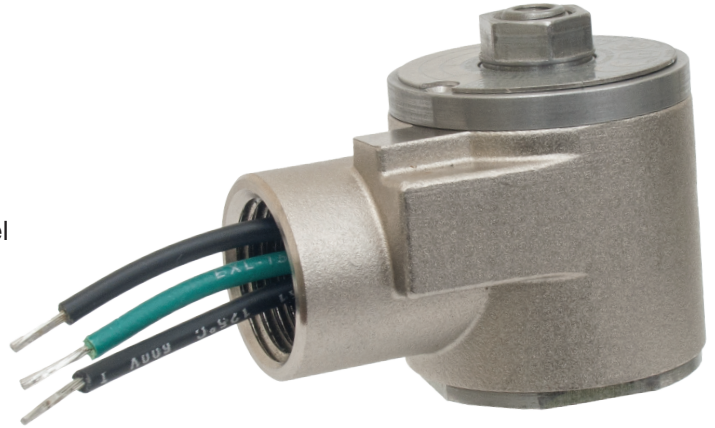
T4, 90°C ambient; for other T classes contact factory

**Voltages:**






- 12VDC (D012), 24VDC (D024)
- 48VDC (D048), 120VDC (D120)
- 120V60HZ (A120), 240V60HZ (A240)
- 110V50HZ (E110), 220V50HZ (E230)
- For other voltages contact factory

Electrical Connection: ½" female npt with 24" wire leads (other lengths available)

Classification: See Chart below.



XV Shown  
(XT Supplied with External Grounding Lug)

		XV ½" NPT Connection	XT ½" NPT Connection
	North America NEC 500	CI I, Div 1, Groups (B,C,D) T* CI II, Div 1, Groups (E, F, G) CI III NEMA 4X, 6P	CI I, Div 1, Groups B,C,D T* CI II, Div 1, Groups E,F,G CI III NEMA 4X, 6P
	North America NEC 505	N/A	CI I Zone 1 A/Ex d e IIC T* CI II Zone 21 AEx tD 21 T**C IP66 CI III DIP A21 IP66 T** C IP66 NEMA 4X, 6P
  	ATEX IEC	N/A	II 2 G D Ex d IIC T* Gb Ex tb IIIC IP66 T**C Db

	Suffix Detail Ordering Code					
	XV			XT		
	1.8 watt	0.85 watt	0.5 watt	1.8 watt	0.85 watt	0.5 watt
Standard (vent to atmosphere)	-XV1	-XV1C	-XV1D	-XT1	-XT1C	-XT1D
1/8" Adapter (-H2E)	-XV2	-XV2C	-XV2D	-XT2	-XT2C	-XT2D
1/4" Adapter (-HE)	-XV3	-XV3C	-XV3D	-XT3	-XT3C	-XT3D
Dust Nut (-L14)	-XV4	-XV4C	-XV4D	-XT4	-XT4C	-XT4D
Water proof nut (-D14)	-XV9	-XV9C	-XV9D	-XT9	-XT9C	-XT9D

\*Final pressure based on valve series applied