

316L Stainless Steel Explosion Proof Coil and Enclosure Assembly



Parker's 316L coil assembly was designed to be used in conjunction with our 2-Way and 3-Way solenoid valves. The forged 316L Stainless Steel coil enclosure provides an explosion and fire protection of ATEX d, zones 1 and 21 with an explosion group classification of IIC for gases. The 316L has a temperature rating of T4, T5 and T6, (130/95/80°C).

Benefits:

- Lightweight and compact design
- Highly resistant to corrosion
- Ease of maintenance
- Inventory reduction
- Coil can be assembled or disassembled from its valve very easily
- Quick electrical cable connection
- Coil permits reversible up or down position of the threaded 1/2" NPT cable entry with 360° rotation capability

Markets:

- Chemical
- Petrochemical
- Oil & Gas Industries
- Agriculture
- Waste Treatment

Applications:

Control of solenoid valves in hazardous areas Zone 1-21

Technical Data

- Housing is made of 316L Stainless Steel
- Power consumption 8W Max
- 1/2" NPT or M20 x 1.5 cable entry
- Protection level IP66
- Peak voltage suppression and AC rectifier included as standard



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Solenoid Valve Product Range

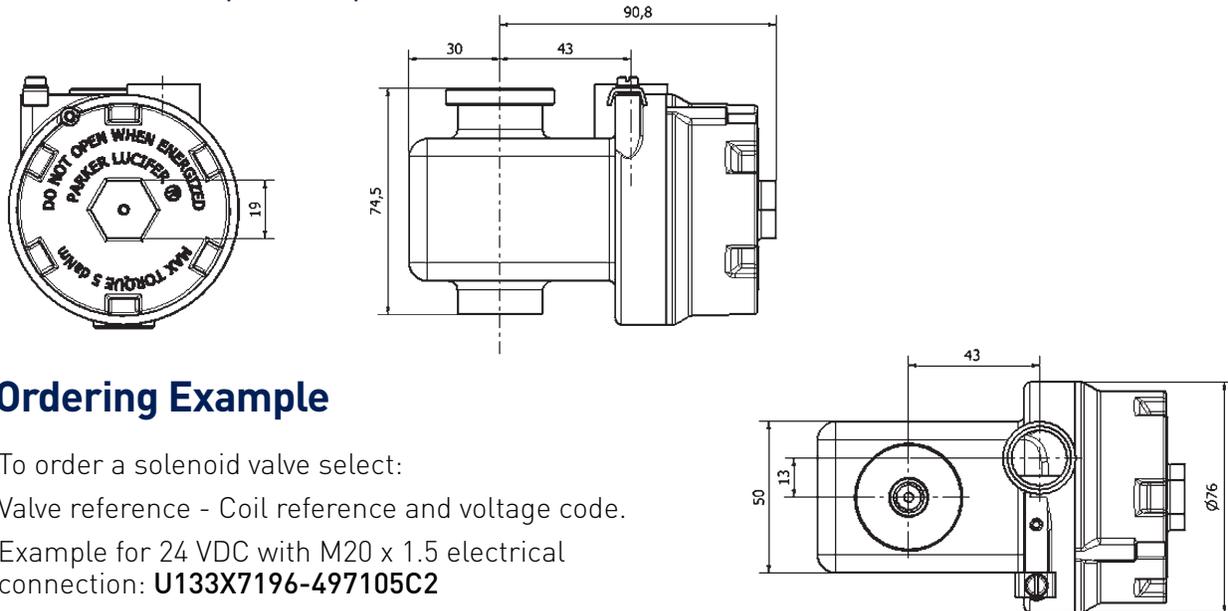
316L Stainless Steel

Pipe Mounting														
Port Size NPT	Function	Orifice (in)	Flow Factor (Cv)	Operating Pressure (PSI)			Fluid Temp. °F		Seat Seal	Parker LUCIFER® Valves		Electrical Connection	Power	
				Min	Max	MOPD	Min	Max		Valve Ref.	Coil Ref.		AC W	DC W
1/4"	3/2 universal auto reset	15/64"	.54	0	174	174	-13	150	NBR	U133X7196	497105 49710502	M20x1.5 1/2 NPT	8	8
	3/2 universal manual override	15/64"	.54	0	174	174	-13	150	NBR	U133X7156	497105 49710502	M20x1.5 1/2 NPT	8	8
	3/2 universal manual reset	15/64"	.54	0	174	174	-13	150	NBR	U033X7156	497105 49710502	M20x1.5 1/2 NPT	8	8
	3/2 universal	3/32"	.18	0	130	130	-13	167	FKM	U133V7695	497105 49710502	M20x1.5 1/2 NPT	8	8
	3/2 universal	5/64"	.10	0	174	174	-13	167	FKM	U133V7595	497105 49710502	M20x1.5 1/2 NPT	8	8
	2/2 normally closed	1/32"	.03	0	1,420	1,420	-13	167	FKM	U121V7595	497105 49710502	M20x1.5 1/2 NPT	8	8

Voltage Codes

Voltage	12VDC	24VDC	48VDC	110VDC	24/50-60VAC	110/50-60VAC	220-230/50-60VAC
Code	C1	C2	C4	C5	P0	1P	3P

Dimensions (in mm)



Ordering Example

To order a solenoid valve select:

Valve reference - Coil reference and voltage code.

Example for 24 VDC with M20 x 1.5 electrical connection: **U133X7196-497105C2**

