

Standard Dash Valve Series 3281

Features


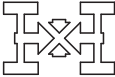










Norgren GT Development dash valves are custom designed valves for remote actuation of air-powered accessories, in a variety of styles and markings. They have been engineered for functionality and durability, as well as for a pleasing appearance.



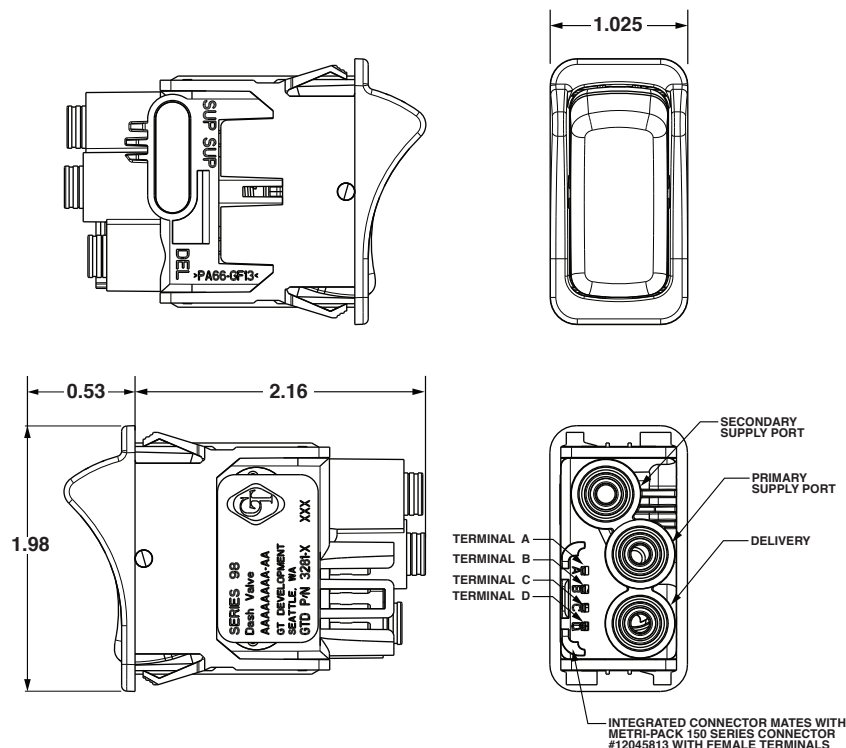
Performance

Application	Three-way valve designed for dashboard operation of truck air system accessories.	
Material	Nylon, glass filled. Meets DOT FMVSS 302 flammability requirements.	
Function	<p>(A) Rocker symbol is white in daylight, green when backlit.</p> <p>(B) White status indicator illuminated when switch is closed or power is applied to terminal "B".</p> <p>(C) Internal mechanical switch for status illumination and/or external switching (+12 VDC)</p> <p>(D) When valve is switched off, supply is blocked and delivery is vented. When on, supply is connected to delivery.</p> <p>(E) Rocker text is opaque white and is not backlit.</p>	
Part Number	3281 (horizontal)	
Color	Black with white letters and symbols.	
Rated PSI	150 PSIG maximum	
Rated Current Load	Maximum current load for internal mechanical switch is 1 amp at 14 VDC.	
Operating Temperature	-10°F (-23.3°C) to 160°F (71.1°C)	
Allowed Leakage	30 SCCM in either on or off position at 150PSIG applied to supply port and all other port (s) blocked. (Requires laboratory test equipment.)	
Equivalent Orifice	<p>1/4" fittings, assume Cd=.65</p> <p>(A) Primary supply to delivery .115" diameter or large</p> <p>(B) Primary supply to secondary supply: .130" diameter or larger</p> <p>(C) Delivery to exhaust: .080" diameter or larger</p>	
Flow Rate	<p>1/4" fittings and 100 PSI source pressure</p> <p>(A) Primary supply to delivery 14+ SCFM</p> <p>(B) Primary supply to secondary supply: 17+ SCFM</p> <p>(C) Delivery to exhaust: 6.9+ SCFM (Requires laboratory test equipment.)</p>	
Connectors	<p>(A) Three 1/4" push-to-connect fittings with rigid tube supports 1/4" push-to-connect fittings meet DOT FMVSS 106 50 lb. pull test when used with SAE J844 nylon tubing.</p> <p>(B) Integrated electrical connector mates with Metri-Pak 150 series connector #12045813 with female terminals.</p>	
Weight	40 grams (approximate)	

Standard Dash Valve 3281

	Part number	Description	Rocker symbol	Rocker text	Status lighting	Valve in guarded position as shown	
						Air valve	Status switch
	3281-1	Inter-axle differential lock		INTER AXLE	Red LED oval only	Off	Open
	3281-2	5th wheel slide		5TH WHEEL	Red LED oval only	Off	Open
	3281-3	Air suspension dump		SUSP HEIGHT	Red LED oval only	Off	Open
	3281-4	Power take off		P.T.O.	Red LED oval only	Off	Open
	3281-5	Air intake routing		AIR INTAKE	Red LED oval only	On	Open
	3281-6	Neutral control		NEUTRAL CONTROL	Red LED oval only	Off	Open

Dimensions (Inches)



Warning

Improper selection, misuse, age or malfunction of components used in commercial vehicle systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts used in commercial vehicle systems and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.