SOLENOID VALVES | Special Purpose

Long Distance

GEM-SOL® | LDOS32 (LDOS) Special Long distance operating solenoid

A small section conductor can be used at a distance of up to 5 kms

Technical Data

Current	24V AC : Inrush 210mA Holding 18mA 12V DC : Inrush 120mA Holding 5mA	
Pressure range	See table	
Delay time	See table	
Connection	DIN 43650 Connecting box	
Ambient temp	-10°C to 70°C	
Operation	Only with a Baccara valve	
Applications	 Cost saving wiring for remote solenoid operation Power saving and heat prevention on continuous energized solenoid 	
Voltage	 Voltage and power consumption - see table +10% -10% of nominal 	
Standard protection class	IP65 with connector	

* For recommended wire parameters, please refer to Long distance operators charts

Pressure (bar)

Function	Orifice (mm)	Pressure	
	1.6	16	
3 Way NC	2.0	10	
	2.4	8	
	1.6	16	
3 Way NO	2.0	12	
	2.4	8	

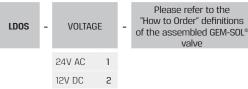
Delay time (sec) at a nominal voltage	Distance (Km)	Conduit Section (mm)	
	2.4	0.5	
4-5	4.8	1.0	
-	7.5	1.5	

Voltage & Power Consumption

	AC (W)		
	50	60	DC (W)
	Hz	Hz	
V			
12			•
24	•	•	

Available options

How to Order



Example : LDOS-1-GEM-A-21035NO

GEM-SOL® LDOS32 (LDOS), 24V AC is attached to a GEM-SOL® latch coil, direct operated, Brass, 1/8"BSP, 3W NC, 2.4 orifice, NBR, no manual override





Assembled with A32 (GEM-A) solenoid

Dimensions

