

Enquiry No: R211D0023

Date: 29/04/2021

Due Date: 06/05/2021

ITI LIMITED,R&D Purchase,
Bangalore Plant,
Dooravani Nagar,
BANGALORE,-560 016
Phone : 080-28503675
Fax: 080-25650971
Email : mmr_bgp@itiltd.co.in

Originators : R & D, I.T.I LIMITED,DOORVANINAGAR

Dear Sir,

Please quote your prices and delivery for the following items as per the terms and Conditions given.

Item No.	Description of Material	Qty. Reqd.	Instructions for submission of tenders
1.	Miniature Solenoid Valve P/N: 991-000206-011	16 Nos	1. Quotation must be submitted in duplicate, superscribed with our tender number & due date and should reach us well before DUE DATE.Open and/or late tenders and tenders without enquiry nos. are liable for rejection. 2. All offers should be complete with specification and catalogue and samples where specified. 3. Validity : Quotation should be valid for a period of 60 days from the due date of tender. Prices must remain firm till completion of order. 4. Payment: Bills will be paid within 45 days from receipt of
2.	V2 Valve - Miniature Pneumatic Solenoid Valve P/N: 991-003061-022	6 Nos	
3.	High Pressure High Flow Proportional Valve P/N: 921-211121-000 (Specifications and Terms & Conditions are enclosed)	6 Nos	

			materials. 5. Failure to adhere to any of the above, will disqualify the offer.
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PL. QUOTE FOR REQUIRED QTY. ONLY.

Yours Faithfully,
For I T I Limited

M.DIWAKAR BHAT,
Materials Manager(R)
R & D Purchase

Note: For the technical specifications, compliance statement should be provided for all points mentioned. The compliance has to be indicated individually point wise against each Sl. No. of the specifications listed. If the compliance statement is not provided the offer is liable to be rejected.

TERMS AND CONDITIONS FOR SUBMISSION OF TENDER

1. Inspection: Inspection of goods at our works is final. Goods rejected will be returned on freight to pay basis. Packing & forwarding charges in respect of such consignment will be debited to your account.
2. We reserve the right to accept or reject any or all offers and part or full quantity, without assigning any reason.
3. Please specify your income Tax Account Number and name of I.T. Circle.
4. The quote must be for the quantity specified in the enquiry and should also indicate slab rates for multiples of the quantity enquired.
5. Components to be supplied shall be from the latest batch of production. If terms are offered from stocks the lot/batch code shall not be earlier than 2 years from the date of shipment.
6. Liquidated Damages and risk purchase clauses: Time is the essence of contract and the materials against the order arising out of this enquiry must be delivered by the supplier according to the delivery schedule indicated in the purchase order. In case of any change, the supplier should inform us in advance and obtain our approval to the revised delivery schedule. Should the supplier fail to deliver the material in full or part thereof, we shall be entitled at our option either to recover from the supplier as agreed the liquidated damages and not as penalty, a sum equivalent to half percent of the contract price of the item per week for first four weeks and 0.7% per week thereafter for such delay or part thereof or to terminate the contract in respect of the balance supply so delayed and purchase material elsewhere at the risk of the supplier.
7. FOR INDIGENEOUS OFFERS ONLY:
 - (a) PRICES should always be quoted on F.O.R KRISHNARAJPURAM basis including suitable packing.

- (b) Specify applicable statutory levies, e.g. Central excise duty, sales tax, etc. In absence of these, the prices shall be treated as inclusive of all such levies & no subsequent claims will be entertained.

8 FOR FOREIGN OFFERS ONLY.

- (a) Prices must be quoted on F.O.B. Port of dispatch or airport and indicate estimated charges for dispatch by AIR FREIGHT/AIR POST PARCEL to BANGALORE.
- (b) Prices quoted must include Agency Commission (if any) to your Indian Agents. The same must be specified, which is payable to them in Indian Rupees.
- (c) Payment: Letter of credit or sight draft through the STATE BANK OF INDIA, BANGALORE- 560 016, as detailed below:
“ITI” will bear only LC establishment charges once & bank charges of State Bank of India. All foreign bank’s charges (i.e. charges while negotiating documents when the same are sent on the collection basis due to certain discrepancies in the presentation of documents (LCBCs etc.) are to be borne by Foreign Suppliers. In case of order placed on sight draft basis (FLCSAs) also, the invoice amount will be paid & all the foreign bank’s charges are to the supplier’s account.

Please furnish your Banker’s name and address for this purpose.



Series 11/25/26 - Miniature Solenoid Valve | #991-000206-011



Parker’s 11/25/26 miniature solenoid valves are designed for medical, analytical, and clinical devices that require reliable consistent performance with low outgassing.

Technical Specifications

Application Pressure Requirement:

0-50 psi / .050" orifice

Pneumatic Connection Stem:

None

Voltage (VDC):

12

Body/Elastomer Materials:

Brass/FKM

Electrical Connection:

18" Wire Leads

Valve Configuration Type:

2-Way Normally Closed

Pneumatic Body Connection:

No Barbs

Industry Application:

Oxygen Conservers and Concentrators, Sieve bed switching, Anesthesia Delivery, Compression Therapy, Gas Chromatography, Insulators, Flow control/shut-off

Flow Rate:

0 to 46 slpm

Operating Pressure:

0 to 100 psi

Width:

0.63 in (15.88 mm)

Height:

0.67 in (17.02 mm)

Length:

2.04 in (51.69 mm)

Body Material:

Brass 360 HO2, 430 FR Stainless Steel, 300 Series Stainless Steel

Seal Material:

FKM

Cleaning Features:

Standard

Valve Configuration:

2/3 Way NC, 2/3 Way NO, 3 Way Distributor, 2 way NC Universal

Cycles per Lifetime:

Up to 200 Million Cycles

Port Connection:

Manifold Mount, Barbs, 10-32 Female Threaded Port, 10-32 Male Threaded Port

Electrical Connection:

Wire Leads, PC Mount, Quick Connect Spades, Solder Tabs

Leak Rate:

<0.016 sccm

Response Time:

<30 msec



V2 Valve - Miniature Pneumatic Solenoid Valve | #991-003061-022



Parker V2 is a lightweight 15 mm PBT plastic solenoid valve designed for medical devices and systems that require reliable and consistent performance.

Technical Specifications

Voltage (VDC):

12

Electrical Connection:

4 PC Pin Mount

Valve Configuration Type:

3-Way Normally Closed/Distributor

Application Pressure Requirement:

0-30 psi / .050" Orifice

Pneumatic Connection Stem:

1/8" Barbs

Pneumatic Body Connection:

1/8" Barbs

Industry Application:

Oxygen Concentrators, Ventilators, Patient Simulators, Compression Therapy

Flow Rate:

0 to 35 slpm

Operating Pressure:

0 to 100 psi

Width:

0.63 in (15.88 mm)

Height:

0.67 in (17.02 mm)

Length:

2.02 in (51.31 mm)

Body Material:

PBT, 36000 HO2 Brass, 430 FR Stainless Steel

Seal Material:

FKM

Cleaning Features:

Standard

Valve Configuration:

2/3 Way NC, 2/3 Way NO, 3 Way Distributor

Cycles per Lifetime:

Up to 25 Million Cycles

Port Connection:

Manifold Mount, Barbs

Electrical Connection: Wire Leads, PC Mount **Leak Rate:**

<0.2 sccm

Response Time:

<30 msec

Power Consumption:

0.5, 1.0 2.0 W

Weight:

1.2oz (35 g) lb



VSO® Max HP Miniature High Pressure High Flow Proportional Valve | #921-211121-000



Parker's VSO® MAX HP Model 2 delivers a flow at 200 slpm at 45 PSI and is designed for higher range of operating pressures 120 psi (8.27 bar) commonly found on ventilators and anesthesia systems without upstream regulators.

Technical Specifications

Voltage (VDC):

12

Orifice Size (inch):

0.116

Flow Rate:

0 to 300 slpm

Operating Pressure:

0 to 120 psi

Orifice Size:

2.95 mm

Length:

2.02 inch, 51.4 mm

Width:

0.63 inch, 15.9 mm

Height:

0.69 inch, 17.4 mm

Body & Stem Base Material:

430 FR Stainless Steel, 360 HO2 Brass

Seal Material:

FKM

Wetted Material:

300 Series Stainless Steel

Control Method:

Current Voltage

Cleaning Features:

Oxygen Clean

Valve Configuration:

2 Way Normally Closed

Cycles per Lifetime:

Up to 100 Million Cycles

Port Connection:

Manifold Mount

Electrical Connection:

18" Wire Leads

Leak Rate:

<0.5 sccm of Air

Power Consumption:

2.2 Watts Typical W

Weight:

2.45 oz, 69.5 g

Thermal Compensation:

Non-Thermally Compensated

Industry Application:

Ventilators, Insulators, Anesthesia Delivery & Monitors, Pressure & Flow Control and Mass Flow Control