

PLEASE FILL IN CONTACT INFO

YOUR NAME _____

COMPANY/UNIVERSITY _____

PHONE _____

FAX _____

E-MAIL _____

QUANTITY REQUIRED _____

Supplying My Own Cable

Comments:

LDS Custom Vacuum Feedthrough Ordering Data

FOR QUOTES: COMPLETELY FILL OUT THIS FORM
 Fax To 407-862-8723 or EMail: info@ldsvacuum.com

LDS USE ONLY

Part Number _____

Cost Each: _____

Lead, ARO _____

**Rush Service May Be Available, Ask
 ALL FEEDTHRUS ARE CUSTOM MADE
 AND NON-RETURNABLE**

TYPE OF FITTING

MALE NPT
 1/8" NPT 1/4" NPT
 3/8" NPT 1/2" NPT
 3/4" NPT 1" NPT

MALE UNF,SAE,AN,MS (O-RING)
 #4 (7/16-20 THREAD)
 #5 (1/2-20 THREAD)
 #6 (9/16-18 THREAD)
 #8 (3/4-16 THREAD)
 #10 (7/8-14 THREAD)
 #12 (1-1/16-12 THREAD)

ISO, NW, KF, QF
 NW16
 NW25
 NW40
 NW50

OTHER
 CFF CONFLAT FLANGE
 CU Custom Fitting
 (provide drawing)

WIRE GAUGE

(in stock, others available)
Thermocouple
 24 - 24 gauge (0.0200")
Copper
 28 gauge (0.0126")
 through
 12 gauge (0.0808")

Choose the proper gauge wire for your application. Follow the local, county and federal wiring codes.

***STANDARD TEMPERATURE RANGE:
 -40°F THRU 200°F**

High Temperature? _____ °F, If Yes
 High Pressure? _____ psi, If Yes

PRODUCT
WFT - Wired FeedThrough
 SEE PAGE 2 FOR MAX WIRES

USB Customers, Please Indicate:
 Inside the Vacuum: Male or Female Connection
 Outside the Vacuum: Male or Female Connection

WFT

Total Number of Wires
 (PAIR = 2)

FITTING TYPE

WIRE TYPE

WIRE GAUGE

Wire Length **INSIDE**
 The Vacuum
 (in inches) 120" Max

Wire Length **OUTSIDE**
 (atmosphere) The Vacuum
 (in inches) 120" Max

T=Tagged,
 \$2/Each
 W=Welded,
 \$10/Pair

WIRE TYPE

BN - BNC	EX - Chromel/Constantan
BX - Platinum/Rhodium	FG - Fiberglass (high temp*)
C5 - Category 5	JX - Iron/Constantan
C6 - Category 6	KX - Chromel/Alumel
CC - Copper Buss	NX - Nicrosil/Nisil
CS - Copper Stranded	USB Series:
TX - Copper/Constantan	USB2.0, USB3.0
CP - Customer Supplied	SOOW - Service Cord Cable

LDS VACUUM PRODUCTS, INC.
 773 Big Tree Drive, Longwood, FL 32750
PHONE: (407) 862-4643 FAX: (407) 862-8723
EMail: info@ldsvacuum.com
SHOP ONLINE: WWW.LDSVACUUM.COM

LDS VACUUM PRODUCTS, INC.

Custom Vacuum Feedthrough – ORDERING DATA

MAXIMUM NUMBER OF WIRES								
NPT FITTING	26 Wire Gauge	24 Wire Gauge	22 Wire Gauge	20 Wire Gauge	18 Wire Gauge	16 Wire Gauge	14 Wire Gauge	12 Wire Gauge
1/8" NPT	4	4	4	3	1	--	--	--
1/4" NPT	6	6	4	3	1	1	--	--
3/8" NPT	8	8	8	3	3	1	1	--
1/2" NPT	24	24	16	16	8	8	3	3
3/4" NPT	26	26	16	16	16	8	4	3
1" NPT	50	50	32	24	24	16	8	4
MAXIMUM NUMBER OF WIRES								
NW Flanged Fitting	26 Wire Gauge	24 Wire Gauge	22 Wire Gauge	20 Wire Gauge	18 Wire Gauge	16 Wire Gauge	14 Wire Gauge	12 Wire Gauge
NW16	8	8	4	4	3	1	1	1
NW25	24	24	16	16	8	8	4	3
NW40	50	50	32	32	24	24	16	8
NW50	96	96	88	80	64	56	40	32
MAXIMUM NUMBER OF WIRES								
Facial "O" Ring	26 Wire Gauge	24 Wire Gauge	22 Wire Gauge	20 Wire Gauge	18 Wire Gauge	16 Wire Gauge	14 Wire Gauge	12 Wire Gauge
#4	4	4	3	1	--	--	--	--
#5	8	8	5	5	3	2	--	--
#6	8	8	5	5	3	1	--	--
#8	16	16	16	8	8	8	--	--
#10	24	24	16	8	8	8	3	1
#12	32	32	32	16	16	8	4	3

773 BIG TREE DRIVE • LONGWOOD, FLORIDA 32750
PHONE: (407)862-4643 FAX: (407)862-8723