

PLEASE FILL IN CONTACT INFO

Your Name

Your Company Name

Phone

Fax

E-Mail

Quantity Required

LDS Vacuum Products, Inc.
Custom Vacuum Feedthrough Ordering Data
Fax To 407-862-8723 For Quotation

STANDARD FITTINGS

MALE NPT

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

MALE UNF,SAE,AN,MS (O-RING)

- 4 - #4 (7/16-20 THREAD)
- 5 - #5 (1/2-20 THREAD)
- 6 - #6 (9/16-18 THREAD)
- 8 - #8 (3/4-16 THREAD)
- 10 - #10 (7/8-14 THREAD)
- 12 - #12 (1-1/16-12 THREAD)

ISO, NW, KF, QF, DN

- 16
- 25
- 40
- 50

CUSTOM FITTINGS AVAILABLE

LDS USE ONLY

Part Number: _____

Cost Each: _____

ALL FEEDTHRUS ARE CUSTOM MADE
AND NON-RETURNABLE
CONSULT FACTORY FOR CURRENT
LEAD TIMES

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

CONSULT FACTORY FOR FEEDTHROUGHS
OUTSIDE THIS TEMPERATURE RANGE

WIRE GAUGE

(stocked)

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.

**WIRE LENGTH OUTSIDE
THE VACUUM (atmosphere)
(in inches)**

Maximum wire length is 120" (10')

PRODUCT

WFT - Wired FeedThrough

WFT

QUANTITY

N - Number of Wires
Indicate **TOTAL** number of wires

WIRE TYPE

- CS** - Copper Stranded
- CC** - Copper Buss
- TX** - Copper / Constantan
- KX** - Chromel / Alumel
- JX** - Iron / Constantan
- EX** - Chromel / Constantan
- FG** - High Temp Fiberglass

Choose the proper wire type for your
application. Refer to the manufacturer's
instruction sheets for all electronic and
temperature thermocouples.

**WIRE LENGTH INSIDE
THE VACUUM
(in inches)**

Maximum wire length is 120" (10')

N= None
T= Tagged
W= Welded
Thermocouple Pair
(W=\$10 Per Pair)

LDS VACUUM PRODUCTS, Inc.
773 BIG TREE DRIVE, LONGWOOD, FLORIDA 32750
PHONE: (407) 862-4643 FAX: (407) 862-8723
SHOP ONLINE: WWW.LDS-VACUUM.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	20	18	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

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