

Multiconductor Feedthroughs

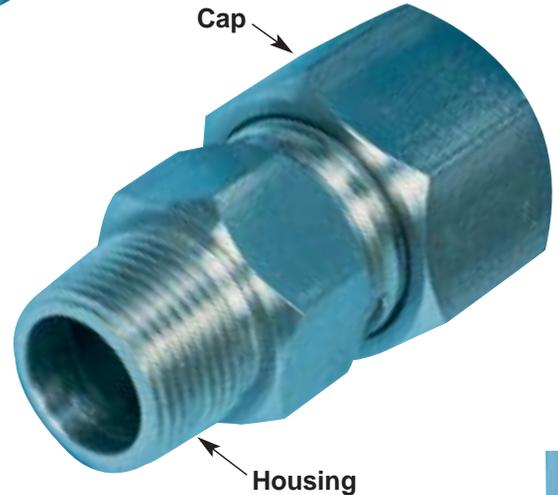
- ✓ Pressure or Vacuum Applications
- ✓ Seals Multiple Thermocouples
- ✓ Seals Multiple Protection Tubes
- ✓ NPT or BSPT Mounting Thread
- ✓ Up to 16 Probes in 1 Fitting
- ✓ Blank Sealing Plugs Included at No Extra Charge



See Section A
for Probe Selection



Optional Male Threaded Cap
(see next page)



Multiconductor Feedthroughs

To Order (Specify Model Number)									
Sheath Diameter in	Model Number	Diameter of Probe mm (in)	No. of Probes	Thread NPT (BSPT)**	Length mm (in.)		Across Flats mm (in.)		Price
					L1	L2*	Housing	Cap	
.040	MFT-040-3	1.02 (.040)	3	1/4"	50.8 (2)	63.50 (2 1/2)	19.05 (3/4)	22.23 (7/8)	£73
	MFT-040-5	1.02 (.040)	5	1/4"	50.8 (2)	63.50 (2 1/2)	19.05 (3/4)	22.23 (7/8)	86
	MFT-040-6	1.02 (.040)	6	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	34.93 (1 3/8)	93
	MFT-040-8	1.02 (.040)	8	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	34.93 (1 3/8)	106
	MFT-040-10	1.02 (.040)	10	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	119
	MFT-040-12	1.02 (.040)	12	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	132
	MFT-040-16	1.02 (.040)	16	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	145
1/16	MFT-116-3	1.57 (.062)	3	1/4"	50.8 (2)	63.50 (2 1/2)	19.05 (3/4)	22.23 (7/8)	65
	MFT-116-5	1.57 (.062)	5	1/4"	50.8 (2)	63.50 (2 1/2)	19.05 (3/4)	22.23 (7/8)	78
	MFT-116-6	1.57 (.062)	6	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	34.93 (1 3/8)	84
	MFT-116-8	1.57 (.062)	8	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	34.93 (1 3/8)	98
	MFT-116-10	1.57 (.062)	10	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	111
	MFT-116-12	1.57 (.062)	12	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	124
	MFT-116-16	1.57 (.062)	16	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	137
1/8	MFT-18-3	3.18 (.125)	3	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	34.93 (1 3/8)	60
	MFT-18-4	3.18 (.125)	4	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	34.93 (1 3/8)	65
	MFT-18-6	3.18 (.125)	6	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	75
	MFT-18-8	3.18 (.125)	8	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	80
3/16	MFT-316-3	4.78 (.188)	3	1/2"	66.68 (2 5/8)	85.73 (3 3/8)	28.58 (1 1/8)	134.93 (1 3/8)	62
	MFT-316-5	4.78 (.188)	5	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	71
1/4	MFT-14-3	6.35 (.250)	3	3/4"	71.44 (2 13/16)	88.89 (3 1/2)	31.75 (1 1/4)	38.10 (1 1/2)	62

* With optional male threaded cap. **Standard thread is NPT, to order with BSP Taper thread, add suffix "-BSPT" to part number.



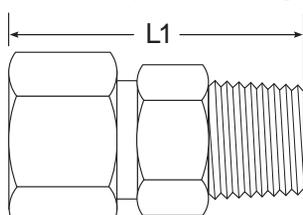
Multiconductor Feedthroughs

Compression Type for High Temperature Sealing

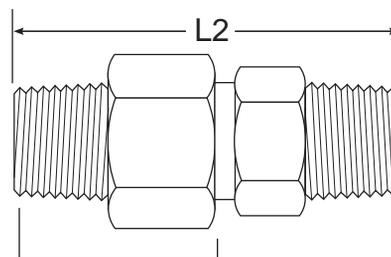
These all new multiconductor feedthroughs are designed for use in applications that require several sensors to pass through a wall or bulkhead at one opening or within a small area. Heavy duty 416 stainless steel construction allows this fitting to be used in high pressure or vacuum applications. Probes between 1.02 mm (0.040") and 6.35 mm (1/4") in diameter can be used in these feedthroughs. The maximum number of probes per feedthrough is 3 for 6.35 mm (1/4") diameter probes, 5 for 4.76 mm (3/16") diameter, 8 for 3.18 mm (1/8") diameter, 16 for 1.59 mm (1/16") diameter, and 16 for 10.16 mm (0.40") diameter probes.

All multiconductor feedthroughs are supplied in standard form with stainless steel ferrules. A stainless steel ferrule deforms and becomes permanent. If it is required that the probes be installed several times at different depths in the feedthrough, Teflon™ ferrules should be used. Teflon™ ferrules will not deform the probe sheath, allowing the same probe to be reused. The ferrules used in the feedthroughs are identical to the ferrules used in standard OMEGALOK™ compression fittings.

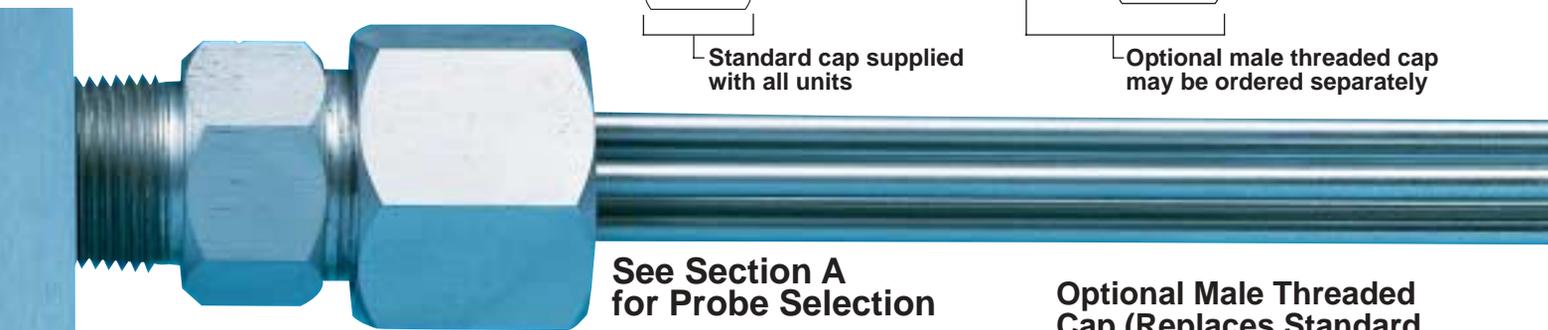
- ✓ 3 to 16 Probes
- ✓ 416SS Body and Cap
- ✓ 316SS Ferrules Standard
- ✓ Teflon™ Ferrules Available
- ✓ Uses Standard OMEGALOK™ Ferrules
- ✓ 1.02 mm (.040") Through 6.35 mm (1/4") Diameter Probes
- ✓ Blank Sealing Plugs Included at No Extra Charge



Standard cap supplied with all units



Optional male threaded cap may be ordered separately



See Section A for Probe Selection

Optional Male Threaded Cap (Replaces Standard Cap Locking Nut)

Replacement Ferrules

To Order (Specify Model Number)			
Material	Dia. mm (in.)	Model Number	Price*
Teflon®	10.16 (.40)	T-FER-040	£33
	1.59 (1/16)	T-FER-1/16	33
	3.18 (1/8)	T-FER-1/8	
	4.76 (3/16)	T-FER-3/16	
	6.35 (1/4)	T-FER-1/4	
316 SS	10.16 (.40)	SS-FER-040	24.50
	1.59 (1/16)	SS-FER-1/16	24.50
	3.18 (1/8)	SS-FER-1/8	
	4.76 (3/16)	SS-FER-3/16	
	6.35 (1/4)	SS-FER-1/4	

*Package of 10

NOTE: All fittings are supplied with stainless steel ferrules. If Teflon® ferrules are required, add suffix "-TEFLON" to the model number shown. Add £0.80 to the cost per Teflon™ ferrule. One ferrule needed for each conductor.

Contact sales for custom assemblies.

Teflon® Tape

13 mm x 6.6 m



MFT Thread Size NPT (BSPT)	Male Threaded Cap Model No.	Price
3/4"	FTN-1	£20.50
1/2"	FTN-1-12	20.50
1/4"	FTN-1-14	20.50

Teflon® tape should be used on all pipe joints to provide a good seal and to prevent the threaded parts from seizing each other on disassembly.

£2.90/roll