



M12 Cables with Field Mountable Connectors for Resistance Sensors (RTDs)

For Field Adaptable and Special Requirements

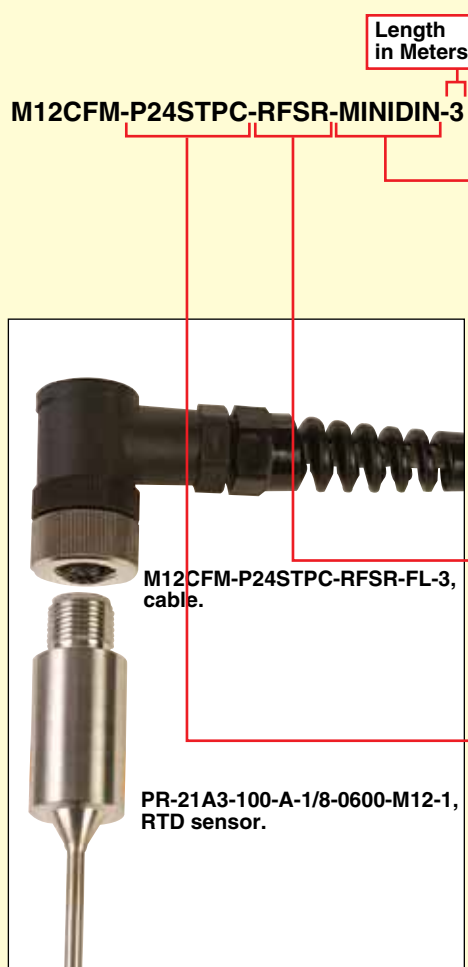
- ✓ Straight and Right Angled M12 Field Mountable Connector Sensor End
- ✓ Two Cable Insulations Available
- ✓ 4-Wire Construction, Field Re-Wireable
- ✓ Optional Stainless Steel Braid and BX Hose Options
- ✓ Variety of Connection Methods to Work with Your Instrumentation

M12CFM-RTD Series



M12CFM-P24STPC-RFSR-MINIDIN-3, cable assembly, shown smaller than actual size.

Typical M12CFM Cable Configuration



Model Number Options Key

Back End Connector Options (Instrument Attachment)

MTPM	MTP 3-pin miniature plug connector
MTPF	MTP 3-pin miniature socket connector
OTPM	OTP 3-pin plug connector
OTPF	OTP 3-pin socket connector
TA3FM	3-pin audio plug connector
TA3FF	3-pin audio socket connector
TA4FM	4-pin audio plug connector
TA4FF	4-pin audio socket connector
MINIDIN	4-pin mini DIN plug connector
SFSR	M12 straight socket connector with strain relief
SMSR	M12 straight plug connector with strain relief
RFSR	M12 right angled socket connector with strain relief
RMSR	M12 right angled plug connector with strain relief
FL	150 mm (6") flying leads (minimum)

Front End Connector Options (Sensor Attachment)

SFSR	M12 straight socket connector with strain relief
SMSR	M12 straight plug connector with strain relief
RFSR	M12 right angled socket connector with strain relief
RMSR	M12 right angled plug connector with strain relief

Cable Options

T24SSPC	24 AWG stranded SPC, PFA insulated and jacketed
P24STPC	24 AWG stranded TPC, PVC insulated and jacketed

Note: For stainless steel over-braid, add "**SB**" to the end of the cable callout for additional cost.

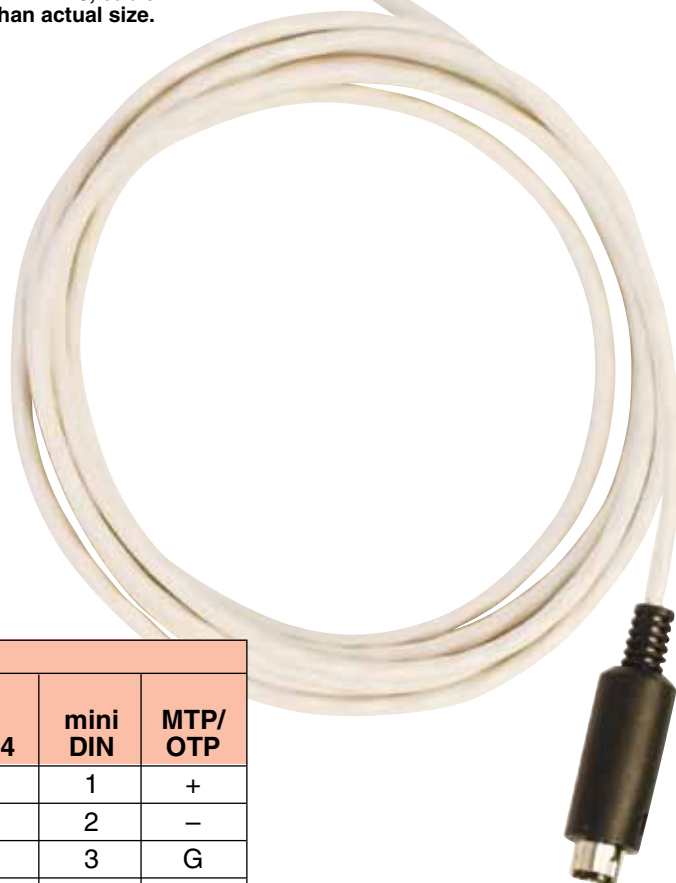
For BX hose over the cable, add "**BX**" to the end of the cable callout for additional cost.

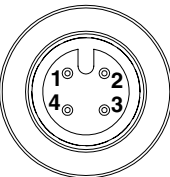


M12CFM-P24STPC-RFSR-MINIDIN-3, cable assembly, shown smaller than actual size.



M12 right angled socket connector with strain relief.



 M12 Connector Sensor Side	Cable Wiring					
	M12 Connector Pin Number	Color	TA3	TA4	mini DIN	MTP/ OTP
	1	Brown	1	1	1	+
	2	White	2	2	2	-
	3	Blue	3	3	3	G
	4	Black	N/C	4	4	N/C

To Order <i>m12cfm-rtd</i>				
Model No.	Cable	Sensor Connector	Termination	Length (Meters)
M12CFM-T24SSPC-SFSR-FL-3	PFA insulated and jacketed, 24 AWG stranded silver plated copper	M12 straight socket	150 mm (6") flying leads	3
M12CFM-T24SSPC-SFSR-FL-5				5
M12CFM-T24SSPC-SFSR-FL-10				10
M12CFM-T24SSPC-SFSR-FL-15				15
M12CFM-T24SSPC-SFSR-FL-20				20
M12CFM-P24STPC-SMSR-FL-3	PVC insulated and jacketed, 24 AWG stranded tin plated copper	M12 right angled socket	150 mm (6") flying leads	3
M12CFM-P24STPC-SMSR-FL-5				5
M12CFM-P24STPC-SMSR-FL-10				10
M12CFM-P24STPC-SMSR-FL-15				15
M12CFM-P24STPC-SMSR-FL-20				20

For longer cables, change last number in model number to the desired length in meters for additional cost.

To add a connector to the end of the cable, replace "FL" in the model number with the connector designation in the table and add the following to the price: "MTP" no additional charge, "OTP" no additional charge, for "TA3M", "TA3F", "TA4M", "TA4F" or "MINIDIN" for additional cost, for "SFSR", "RFSR", "SMSR" or "RMSR" for additional cost.

For Stainless Steel overbraid, add "SB" to the end of the cable callout for additional cost.

For BX Hose, add "BX" to the end of the cable callout for additional cost.

Ordering Examples: M12CFM-T24SSPCSB-RFSR-MTPM-3, 4-conductor, 24 AWG, stranded silver plated copper conductors, PFA insulation and jacket and stainless steel braid 3 m long, M12 right angled plug connector with strain relief one end and MTP-male connector on the other. M12CFM-P24STPC-RFSR-SMSR-5, 4-conductor, 24 AWG stranded tin plated copper conductors, PVC insulation and jacket, 5 m long, M12 right angled socket connector with strain relief one end and M12 straight plug connector with strain relief on the other.