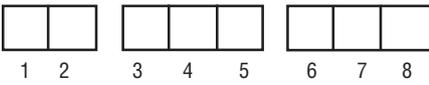


EXTENSION CABLE OPTIONS - HOW TO ORDER

Standard 6-Pin connector type (D60) used with R-Series G-Series



SENSOR CONNECTION TYPE (1-2)

- D6** = Female connector, (straight exit), and standard #530026 Cable (PVC jacket) for sensors with D6 or D60 connector
- C6** = Female connector, (straight exit), and standard 22x24 3084A PVC jacket for sensors with D6 or D60 connector
- DA** = Female connector, (90° exit), and standard # 530026 cable (PVC jacket) for sensors with D6 or D60 connector.
- DJ** = **(No more product)** Female connector, (straight exit) and # 530045 cable, (black polyurethane jacket for higher resistance to moisture and oil),for sensors with D6 or D60 connector.
- DK** = **(No more product)** Female connector, (90° exit), and #530045 cable, (black polyurethane jacket for higher resistance to moisture and oil), for sensors with D6 or D60 connector.
- DC** = Female connector, (straight exit), and standard # k34 Cable (Teflon jacket) for sensors with D6 or D60 connector
- DCM** = Male connector, (straight exit), and standard # k34 Cable (Teflon jacket) for sensors with D6 or D60 connector
- R6** = Female connector, (straight exit), and moving cable(black polyurethane jacket) Cable for sensors with D6 or D60 connector-
- D6H** = Female connector, (straight exit), and standard # 530052 (orange polyurethane jacket)Cable for sensors with D6 or D60 connector
- D6G** = Female connector, (straight exit), and standard gray polyurethane jacket Cable for sensors with D6 or D60 connector
- D6M** = Male connector, (straight exit), and standard #530026 Cable (PVC jacket) for sensors with D6 or D60 connector

CABLE LENGTHS* (3-5)

For standard length cables up to 100 ft.

- 005** = 5 ft.
- 015** = 15 ft.
- 025** = 25 ft.
- 050** = 50 ft.
- 100** = 100 ft.
- = Cable length (ft)*

CABLE TERMINATION (2 or 3 characters depending on option selected) (6-8)

- P0** = Pigtail connection, (no connector)
- D6M** = D6 male connector, (Straight exit). Only available with the D6 option above.
- D6F** = Female connector, (straight exit). Only available with the D6 option above.
- DAF** = Female connector, (90° exit). Only available with the DA option above.
- D5F** = D5 female connector, (Straight exit). Only available with the D5 option above.(M12 5pin, canbus)
- D5M** = D5 male connector, (Straight exit). Only available with the D5 option above.(M12 5pin, canbus)

* Refer to "Cable Length Limitations" table on page 55 for maximum cable length.



Standard 6-Pin connector type (D60) used with R-Series G-Series



SENSOR CONNECTION TYPE (1-2)

- D6** = Female connector, (straight exit), and standard #530026 Cable (PVC jacket) for sensors with D6 or D60 connector
- C6** = Female connector, (straight exit), and standard 22x24 3084A PVC jacket for sensors with D6 or D60 connector
- DA** = Female connector, (90° exit), and standard # 530026 cable (PVC jacket) for sensors with D6 or D60 connector.
- DJ** = **(No more product)** Female connector, (straight exit) and # 530045 cable, (black polyurethane jacket for higher resistance to moisture and oil),for sensors with D6 or D60 connector.
- DK** = **(No more product)** Female connector, (90° exit), and #530045 cable, (black polyurethane jacket for higher resistance to moisture and oil), for sensors with D6 or D60 connector.
- DC** = Female connector, (straight exit), and standard # k34 Cable (Teflon jacket) for sensors with D6 or D60 connector
- DCM** = Male connector, (straight exit), and standard # k34 Cable (Teflon jacket) for sensors with D6 or D60 connector
- R6** = Female connector, (straight exit), and moving cable(black polyurethane jacket) Cable for sensors with D6 or D60 connector
- D6H** = Female connector, (straight exit), and standard # 530052 (orange polyurethane jacket)Cable for sensors with D6 or D60 connector
- D6G** = Female connector, (straight exit), and standard gray polyurethane jacket Cable for sensors with D6 or D60 connector
- D6M** = Male connector, (straight exit), and standard #530026 Cable (PVC jacket) for sensors with D6 or D60 connector

CABLE LENGTHS* (3-6)

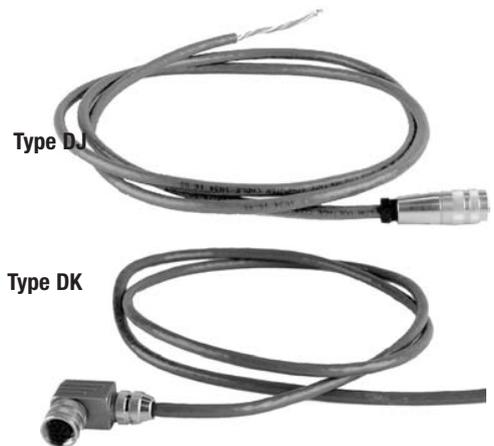
For standard length cables up to 100 M.

- 005M** = 5 M.
- 015M** = 15 M.
- 025M** = 25 M.
- 050M** = 50 M.
- 100M** = 100 M.
- **M** = Cable length (M)*

CABLE TERMINATION (2 or 3 characters depending on option selected) (7-9)

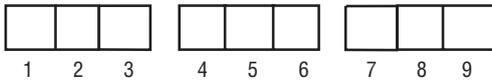
- P0** = Pigtail connection, (no connector)
- D6M** = D6 male connector, (Straight exit). Only available with the D6 option above.
- D6F** = Female connector, (straight exit). Only available with the D6 option above.
- DAF** = Female connector, (90° exit). Only available with the DA option above.
- D5F** = D5 female connector, (Straight exit). Only available with the D5 option above.(M12 5pin, canbus)
- D5M** = D5 male connector, (Straight exit). Only available with the D5 option above.(M12 5pin, canbus)

* Refer to "Cable Length Limitations" table on page 55 for maximum cable length.



EXTENSION CABLE OPTIONS - HOW TO ORDER

Standard 7-Pin DIN connector type (D70) used with R-Series SSI Sensors



SENSOR CONNECTION TYPE (1-3)

- D7** = Female connector, (straight exit), and #530175 cable (high performance shielding, orange polyurethane jacket), for SSI sensors with D70 connector.
- R7** = Female connector, (straight exit), and moving cable (black polyurethane jacket) Cable for sensors with D70 connector
- DR** = Female connector, (90° exit), and #530175 cable (high performance shielding, orange polyurethane jacket), for SSI sensors with D70 connector.
- DS** = Female connector, (straight exit) and standard #530026 cable, (PVC jacket), for SSI sensors with D70 connector.
- DT** = Female connector, (90° exit), and standard #530026 cable, (PVC jacket), for SSI sensors with D70 connector.
- DU** = **(No more product)** Female connector, (straight exit), and #530045 cable, (black polyurethane jacket), for SSI sensors with D70 connector.
- DV** = **(No more product)** Female connector, (90° exit), and #530045 cable, (black polyurethane jacket), for SSI sensors with D70 connector.
- D7C** = Female connector, (straight exit), and standard # k34 Cable (Teflon jacket) for sensors with D7 or D70 connector
- SCA** = Female connector, (90 exit), and standard # k34 Cable (Teflon jacket) for sensors with D7 or D70 connector
- DH7** = Female connector, (straight exit), and standard # 530052 (orange polyurethane jacket) Cable for sensors with D7 or D70 connector
- DRH** = Female connector, (90° exit), and standard # 530052 (orange polyurethane jacket) Cable for sensors with D7 or D70 connector
- D7G** = Female connector, (straight exit), and standard gray polyurethane jacket Cable for sensors with D7 or D70 connector

CABLE LENGTHS* (4-6)

For standard length cables up to 100 ft.

- 005** = 5 ft.
- 015** = 15 ft.
- 025** = 25 ft.
- 050** = 50 ft.
- 100** = 100 ft.
- = Cable length (ft)*

CABLE TERMINATION (2 or 3 characters depending on option selected) (7-9)

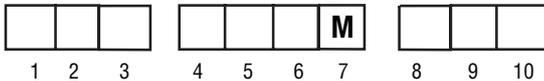
- P0** = Pigtail connection, (no connector)
- D7F** = Female connector, (straight exit). Only available with the D7 option above.

* Maximum cable length is dependent on the baud rate (refer to "Cable Length Limitations" table on page 55)



Type D7

Standard 7-Pin DIN connector type (D70) used with R-Series SSI Sensors



SENSOR CONNECTION TYPE (1-3)

- D7** = Female connector, (straight exit), and #530175 cable (high performance shielding, orange polyurethane jacket), for SSI sensors with D70 connector.
- R7** = Female connector, (straight exit), and moving cable (black polyurethane jacket) Cable for sensors with D70 connector
- DR** = Female connector, (90° exit), and #530175 cable (high performance shielding, orange polyurethane jacket), for SSI sensors with D70 connector.
- DS** = Female connector, (straight exit) and standard #530026 cable, (PVC jacket), for SSI sensors with D70 connector.
- DT** = Female connector, (90° exit), and standard #530026 cable, (PVC jacket), for SSI sensors with D70 connector.
- DU** = **(No more product)** Female connector, (straight exit), and #530045 cable, (black polyurethane jacket), for SSI sensors with D70 connector.
- DV** = **(No more product)** Female connector, (90° exit), and #530045 cable, (black polyurethane jacket), for SSI sensors with D70 connector.
- D7C** = Female connector, (straight exit), and standard # k34 Cable (Teflon jacket) for sensors with D7 or D70 connector
- SCA** = Female connector, (90 exit), and standard # k34 Cable (Teflon jacket) for sensors with D7 or D70 connector
- DH7** = Female connector, (straight exit), and standard # 530052 (orange polyurethane jacket) Cable for sensors with D7 or D70 connector
- DRH** = Female connector, (90° exit), and standard # 530052 (orange polyurethane jacket) Cable for sensors with D7 or D70 connector
- D7G** = Female connector, (straight exit), and standard gray polyurethane jacket Cable for sensors with D7 or D70 connector

CABLE LENGTHS* (4-7)

For standard length cables up to 100 M.

- 005M** = 5 M.
- 015M** = 15 M.
- 025M** = 25 M.
- 050M** = 50 M.
- 100M** = 100 M.
- M** = Cable length (M)*

CABLE TERMINATION (2 or 3 characters depending on option selected) (8-10)

- P0** = Pigtail connection, (no connector)
- D7F** = Female connector, (straight exit). Only available with the D7 option above.

* Maximum cable length is dependent on the baud rate (refer to "Cable Length Limitations" table on page 55)



Type D7

s with D70 connector.

ADAPTER CABLE OPTIONS FOR REPLACING RETIRED SENSOR MODELS (Temposonics I, II & L-SERIES)

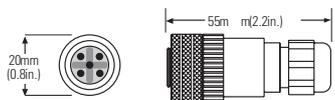
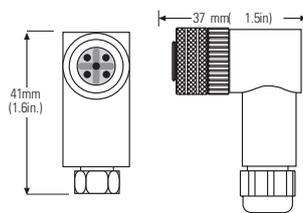
Product	Dimension		Application
Used when replacing Tempo II and model LH sensors that have integral RB connectors			
Part no: 253243, -1, -2 Female straight exit D6 to male RB connection adapter cables 	-1	1 ft. cable length, standard	For G-Series analog output sensors
	-2	1 ft. cable length, standard	For G-Series digital-pulse and neuter output sensors
Part no: 253244, -1, -2 Female straight exit D6 to male RB connection adapter cables 	-1	5 ft. cable length	For G-Series analog output sensors
	-2	5 ft. cable length	For G-Series digital-pulse and neuter output sensors
Used when replacing Tempo II sensors that have integral RC connectors			
Part no: 201612, -1, -2 Female straight exit D6 to male RC connection adapter cables 	-1	1 ft. cable length, standard	For G-Series analog output sensors.
	-2	1 ft. cable length, standard	for G-Series digital-pulse and neuter output sensors.
Used when replacing model LH sensors that have integral or in-line 10-pin MS connectors			
Part no: 253245, -1, -2 Female straight exit D6 to male MS connection adapter cables 	-1	1 ft. cable length, standard	For G-Series analog output sensors.
	-2	1 ft. cable length, standard	For G-Series digital-pulse and neuter output sensors.
Part no: 253246, -1, -2 Female straight exit D6 to male MS connection adapter cables 	-1	5 ft. cable length	For G-Series analog output sensors
	-2	5 ft. cable length	For G-Series digital-pulse and neuter output sensors
Used when replacing Tempo II and model LH sensors that have in-line MS connectors wired for the R1, R2, or R3 connection types			
Part no: 253245-3 Female straight exit D6 to male MS (R1, R2, or R3 connection) adapter cables 	-3	1 ft. cable length	For R3 connection using G-series digital-pulse output sensors.
Part no: 253246-3 Female straight exit D6 to male MS (R1, R2, or R3 connection) adapter cables 	-3	5 ft. cable length	For R3 connection using G-series digital-pulse output sensors.
Part no: 253302, -1, -2 Female straight exit D6 to male MS (R1, R2, or R3 connection) adapter cables 	-1	5 ft. cable length	For R1 (positive interrogation) connection using G-Series sensors.
	-2	5 ft. cable length	For R2 (negative interrogation) connection using G-Series sensors.

ADAPTER CABLE OPTIONS FOR REPLACING RETIRED SENSOR MODELS (Temposonics I, II & L-SERIES)

Product	Dimension		Application
Used when replacing models LH, LP and R-Series sensors that have integral RG connectors			
Part no: 253248, -1, -2 Female straight exit D6 to male RG connection adapter cables 	-1	1 ft. cable length, standard	For R-Series analog or G-Series analog and digital-pulse output sensors
	-2	5 ft. cable length	For R-Series analog or G-Series analog and digital-pulse output sensors
Part no: 253315, -1, -2 Female straight exit D7 to male RG connection adapter cables 	-1	1 ft. cable length, standard	For R-Series SSI output sensors
	-2	5 ft. cable length	For R-Series SSI output sensors
Used when replacing model LP sensors that have the integral C-style connector or in-line H or J style connectors			
Part no: 253247, -1, -2, -3, -4 Female straight exit D6 to male AMP connection adapter cables. 	-1	1 ft. cable length	For G-Series analog output sensors
	-2	1 ft. cable length	For G-Series digital-pulse output sensors
	-3	7 ft. cable length	For G-Series analog output sensors
	-4	7 ft. cable length	For G-Series digital-pulse output sensors

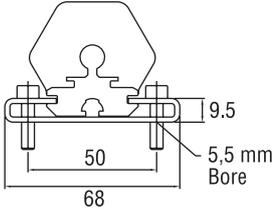
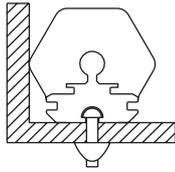
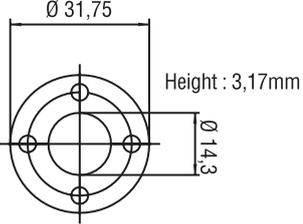
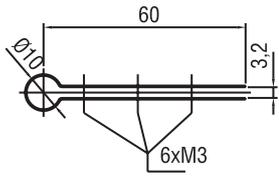
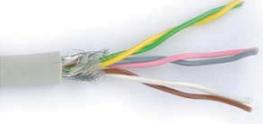
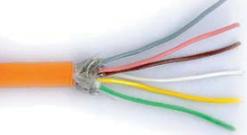
Product	Dimension	Application
Part no. 401327 Male RC to female RB connector adapter. 	6 in. overall length	For retrofitting RC connection style Temposonics II or model LH sensors

CONNECTORS (For Current Production Sensors)

Product	Dimension	Material	Application
5-pin style connectors			
Part no. 370375 D51 Field-installable connector 			Female, straight exit, for Model R-Series sensors with DeviceNet output
Part no. 370376 D51 Field-installable connector 			Female, 90° exit, for Model R-Series sensors with DeviceNet output

ACCESSORIES R-SERIES

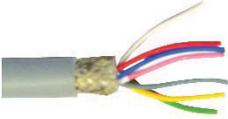
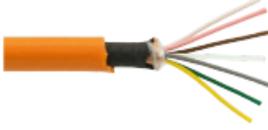
Position Magnets, Floats, Connectors, Clamps, Cables and Programming Tools

Product	Dimension	Material	Application
 <p>Clamp Part No. 400 802</p>	 <p>9.5 50 68 5,5 mm Bore</p>	Stainless steel	RP
 <p>Groove stone Part No. 401 602</p>		Stainless steel	RP
 <p>Spacer Part No. 400 633</p>	 <p>Ø 31,75 Height : 3,17mm Ø 14,3</p>	Aluminum	RH
 <p>Fixing clip Part No. MT 0200</p>	 <p>60 Ø10 2,2 6xM3</p>	Brass Flat section and fastening screws: non-magnetic material	RH
 <p>Metal protection cap for connector M16 Part No. 403 290</p>			Analogue, CAN, SSI, Profibus
 <p>Hex nut Part No. 500 018</p>		Edelstahl	RH-M
 <p>Cable Part No. 530 026</p>	<p>3 x 2 x 0,14 mm² Ø 6 mm</p>	PVC -10 ... +80°C	Standard
 <p>Cable Part No. 530 052</p>	<p>3 x 2 x 0,25 mm Ø 6,8 mm</p>	Pelon PUR -40 ... +80°C	Halogen free Oil-resistant High flexible

Notice: Product pictures may vary from original.

ACCESSORIES R-SERIES

Position Magnets, Floats, Connectors, Clamps, Cables and Programming Tools

Product	Dimension	Material	Application
 Cable Part No. 530 116	4 x 2 x 0,25 mm ²	PUR (-30 ... +90°C)	Water proof wires
 Cable Part No. 530 112	4 x 2 x 0,25 mm ²	Teflon (-90 ... +180°C)	Temperature
 Cable Part No. 530 175	6 x 0,14 mm ² EMC protected Ø 6.5 mm	PUR -30 ...+90°C	SSI, CAN
 Cable Part No. 530 040	BUS + feed-in Ø 8 mm	PVC -30 ... +80°C	Profibus-DP D63
 Cable Part No. 530 109	BUS conductor, high flexible cable Ø 8 mm	PUR -30 ... +70°C	Profibus-DP D53
Product	Description		
 Hand-Programmer R-Analogue Part No. 253 124	Hand-Programmer R-Analogue for 1-Magnet Sensor is for easy teach-in-setups of measuring length and direction on desired Zero/Span positions.		
 Cabinet-Programmer Part Nr. 253 408	Cabinet-Programmer R-Analogue Cabinet-Programmer R-Analogue completes the accessories program of MTS absolute position sensors. The unit can be used for adjusting a connected 1-magnet sensor via the leads, using a simple teach-in procedure in the field.		

Notice: Product pictures may vary from original.