

Amphenol® LTW® Innovation in Waterproof Solution



Industrial Automation Solutions

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Tracking System for Industry



How to Order: Sensor Connector 1

Amphenol® LTW®

XXX - XX X X X X - X X X XXX

Number of Contacts

- 02, 03,08 Pin

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel

Connector Style

- M – Male Connector
- F – Female Connector

Contact Type

- M – Male Connector
- F – Female Connector
- I – I style

Specification

M8 Size:

- 8 – M8 Sensor Connector
- 8P – M8 Plastic Sensor Connector

M10.5 Size:

- 105 – M10.5 Sensor Connector

M12 Size:

- 12 – M12, M12 I-Style Sensor Connector
- 12L – M12 LED Sensor Connector
- 12P – M12 M12 I-Style Plastic Sensor Connector
- 12S – M12 Shield Sensor Connector
- 12B – M12 B-Coded Sensor Connector
- SBL – M12 B-Coded LED Sensor Connector
- SBP – M12 B-Coded Plastic Sensor Connector
- SBS – M12 B-Coded Shield Sensor Connector
- 12D – M12 D-Coded Sensor Connector
- SDL – M12 D-Coded LED Sensor Connector
- SDP – M12 D-Coded Plastic Sensor Connector
- SDS – M12 D-Coded Shield Sensor Connector

Waterproof Rating

- 5 = IP 65
- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Version

- 000 : Phantom
- Without Cable 001, 002,.....
- For Cable
- A01 – 1M ~ A99 – 99M
- A – PVC UL2464 Cable
- B – PU VW-1 Cable

Back Shell

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Type)
- C – Circular (For Panel Type)
- F – Front Hexagonal (For Panel Type)
- H – Rear Hexagonal (For Panel Type)

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Assemble Style

- M – Molding Type
- A – Assembly Type (Solder)
- B – Assembly Type (Screw)
- C – Assembly Type (IDC)
- S – Solder Type
- P – PCB Type (180°)
- R – PCB Type (90°)

Amphenol® LTW®

XX - XX XX XX - XXX - X X XXX

Specification

- AA – Mini Size Adaptor
- BA – Standard Size Adaptor
- RJ – RJ Unshield Connector Adaptor
- RS – RJ Shielded Connector Adaptor
- UB – USB Connector Adaptor
- 13 – 1394 Connector Adaptor
- TN – TNC Connector Adaptor
- SM – M8 Sensor Connector Adaptor
- SS – M12 Sensor Connector Adaptor
- PS – Plastic M12 Sensor Connector Adaptor
- SB – M12 Sensor B-Coded Connector Adaptor
- PB – Plastic M12 Sensor D-Coded Connector Adaptor
- SD – M12 Sensor B-Coded Connector Adaptor
- PD – Plastic M12 Sensor D-Coded Connector Adaptor
- SI – M12 Sensor I-Style Connector Adaptor
- PI – Plastic M12 Sensor I-Style Connector Adaptor
- MN – Mini Adaptor (NMEA Non Approval)
- MC – Micro Adaptor (NMEA Non Approval)
- NC – Mini- Micro Adaptor (NMEA Non Approval)
- PN – Plastic Mini Adaptor (NMEA Non Approval)
- PC – Plastic Micro Adaptor (NMEA Non Approval)
- PO – Plastic Mini - Micro Adaptor (NMEA Non Approval)
- SL – Solar Adaptor
- GA – I Adaptor
- UMN – Mini Adaptor (NMEA 30u"Approval Product)
- UMC – Micro Adaptor (NMEA 30u"Approval Product)
- UNC – Mini - Micro Adaptor (NMEA 30u"Approval Product)
- UPC – Plastic Micro Adaptor (NMEA 30u"Approval Product)

Mating Style

- L – Lock
- S – Screw
- C – Combo
- Q – Quick

Style

- I – I adaptor
- T – T adaptor
- Y – Y adaptor
- C – Double-Connector with Cable
- B – BulkHead
- E – Elbow

Version

- Without Cable
001, 002,
- For Cable
A01 – 1M ~ A99 – 99M
- A – Cable 22 + 24 + B PVC For NMEA Micro
- B – Cable 18 + 22 + B PVC For NMEA Micro
- C – Cable 16 + 18 + B PVC For NMEA Mini

No. of Contacts for End 1, 2, 3

- 00, 00, 00 – RJ, USB, TNC, 1394, Solar
 - 00, XX, XX – I Adaptor
(Circular and Sensor Connector Only)
 - XX, XX, XX – T, Y Adaptor
(Circular and Sensor Connector Only)
- XX=
- 02 ~ 03 – for Mini Size (5A)
 - 04 ~ 06 – for Mini Size (2A)
 - 02 ~ 08 – for Standard Size (5A)
 - 10 ~ 12 – for Standard Size (2A)
 - 02 ~ 04 – for Standard Size (10A)
 - 03 ~ 05 – for Sensor Connector A, B, D-Coded (5A)
 - 06 ~ 08 – for Sensor Connector A, B, D-Coded (2A)
 - 04 ~ 05 – for Sensor Connector I-Style
 - 05 – for NMEA Connector

Connector + Pin Gender for End 1,2,3

- 0, X, X – I Adaptor
 - X, X, X – T, Y Adaptor
- X=
- M – Male + Male
 - F – Female + Female
 - H – Male + Female
 - B – Female + Male
 - RJ=
 - MM – Plug
 - FF – Jack

Amphenol® LTW®

XX - XX XX XX - XXX - X X XXX

Specification

- AA – Mini Size
- BA – Standard Size
- RJ – RJ Unshield Connector
- RS – RJ Shielded Connector
- UB – USB Connector
- 13 – 1394 Connector
- TN – TNC Connector
- SM – M8 Sensor Connector
- SS – M12 Sensor Connector
- PS – Plastic M12 Sensor Connector
- SB – M12 Sensor B-Coded Connector
- PB – Plastic M12 Sensor D-Coded Connector
- SD – M12 Sensor B-Coded Connector
- PD – Plastic M12 Sensor D-Coded Connector
- SI – M12 Sensor I-Style Connector
- PI – Plastic M12 Sensor I-Style Connector
- MN – NMEA MINI Size Connector
- GA – 3 Point Lock Connector Size

Mating Style

- L – Lock
- S – Screw
- C – Combo

Style

- T – T Cable

Version

- 000 : Phantom without Cable
- For Cable
A01 – 1M ~ A99 – 99M
- A – PVC UL2464 Cable
- B – Cable 18 + 22 + B PVC
For NMEA Micro
- C – Cable 16 + 18 + B PVC
For NMEA Mini

No. of Contacts for End 1, 2, 3

- 00, 00, 00 – RJ, USB, TNC, 1394
 - XX, XX, 00 – T Cable
 - XX, XX, XX – T Cable + Connector
- XX = pin

Connector + Pin Gender for End 1,2,3

- X, X, 0 – T Cable
 - X, X, X – T Cable + Conn.
- X=
- M – Male + Male
 - F – Female + Female
 - H – Male + Female
 - B – Female + Male
 - K – Male + I-Style
 - Z – Female + I-Style
- RJ=
- MM – Plug
 - FF – Jack

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M8 Sensor Connector: Female Panel Connector 5

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTW8-△PFFS-SH7△ FEATURES: • Screw Type • Rear Mounting • Solder Contacts • IP 67 • △ Available in 3 and 4 Pins • △ Means Different Versions		LTW8-△AMMM-SL7△XX FEATURES: • Screw Type with SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	
			LTW8-△AMMM-SR7△XX FEATURES: • Screw Type with SR • 90° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	
			LTW8-△BMMM-SL7△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	
			LTW8-△BMMM-SR7△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	

Please Refer to Page 1 : How to Order

6 M8 Sensor Connector: Male Panel Connector

Male Connector		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
1	 LTW8-△PMMS-SH7△ FEATURES: • Screw Type • Rear mounting • Solder Contacts • IP 67 • △ Available in 3 and 4 Pins • △ Means Different Versions	 LTW8-△AFFM-SL7△XX FEATURES: • Screw Type with SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable		
	 LTW8-△AFFM-SR7△XX FEATURES: • Screw Type with SR • 90° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	 LTW8-△BFFM-SL7△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable		
2	 LTW8-△PMMS-SF7△ FEATURES: • Screw Type • Hexagonal Backshell • Solder Contacts • IP 67 • △ Available in 3 and 4 Pins • △ Means Different Versions	 LTW8-△BFFM-SR7△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable		
	 LTW8-△PMMP-SF7△ FEATURES: • Screw Type • Hexagonal Backshell • PCB Contacts • IP 67 • △ Available in 3 and 4 Pins • △ Means Different Versions			

Please Refer to Page 1 : How to Order

M8 Sensor Connector: Male Plastic Connector 7

Male Connector		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
1	 LTW8P-△PMMS-SF7△ FEATURES: • Quick Type • Screw Type • Hexagonal Backshell • Solder Contacts • IP 67 • △ Available in 3 and 4 Pins • △ Means Different Versions	 LTW8P-△AFFM-QL5△XX FEATURES: • Quick Type with Strain Relief • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable		
	 LTW8P-△PMMP-SF7△ FEATURES: • Quick Type • Screw Type • Hexagonal Backshell • PCB Contacts • IP 67 • △ Available in 3 and 4 Pins • △ Means Different Versions			
2	 LTW8P-04BMMB-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° or 90° Field Installable • IP 67	 LTW8P-04BFFB-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° or 90° Field Installable • IP 67		

Please Refer to Page 1 : How to Order

8 M8 Sensor Connector: Male Plastic Connector

Male Connector		Mating Parts of 3 & 4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTW8P-△AMMM-SL7△XX FEATURES: • Screw Type with SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable		LTW8P-△AFFM-SL7△XX FEATURES: • Screw Type with SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	
	LTW8P-△AMMM-SR7△XX FEATURES: • Screw Type with SR • 90° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable			
	LTW8P-△BMMM-SL7△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable		LTW8P-△BFFM-SL7△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable	
	LTW8P-△BMMM-SR7△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 3 and 4 Pins • △ Available in PVC or PU Cable			

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M10.5 Sensor Connector: Male Panel Connector 9

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTW105-△PMFS-SC7001 FEATURES: • Screw Type • Solder Contacts • Circular Rear Mounting • IP 67 • △ Available in 2 to 5 Pins		LTW105-△AFMM-SL7AXX FEATURES: • Screw Type with SR • 180° Molded with Cable • PVC Cable • △ Available in 2 to 5 Pins	
			LTW105-△AFMM-SR7AXX FEATURES: • Screw Type with SR • 90° Molded with Cable • PVC Cable • △ Available in 2 to 5 Pins	
	LTW105-△PMFS-SH7001 FEATURES: • Screw Type • Solder Contacts • Hexagonal Rear Mounting • IP 67 • △ Available in 2 to 5 Pins		LTW105-△BFMM-SL7AXX FEATURES: • Screw Type without SR • 180° Molded with Cable • PVC Cable • △ Available in 2 to 5 Pins	
			LTW105-△BFMM-SR7AXX FEATURES: • Screw Type without SR • 90° Molded with Cable • PVC Cable • △ Available in 2 to 5 Pins	

Please Refer to Page 1 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
1	LTW12-△PFFS-SF8△ FEATURES: - Screw Type - Hexagonal Backshell - Solder Contacts - IP 68 △ Available in 3, 4, 5 and 8 Pins △ Means Different Versions		 LTW12-△AMMM-SL7△XX LTW12-△AMMM-SR7△XX FEATURES: - Screw Type with SR 180° or 90° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable	
		 LTW12-△BMMM-SL8△XX LTW12-△BMMM-SR8△XX FEATURES: - Screw Type without SR 180° or 90° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable		
	LTW12-△PFFP-SF8△ FEATURES: - Screw Type - Hexagonal Backshell - PCB Contacts - IP 68 △ Available in 3, 4, 5 and 8 Pins △ Means Different Versions		LTW12S-△BMMM-SL7△XX FEATURES: - Screw Type Shielded without SR 180° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable	
2			LTW12-△BMMA-SL8001 FEATURES: - Screw Type - Solder Contacts - Field Installable △ Available in 3, 4 and 5 Pins	
	LTW12-△PFFS-SH8△ FEATURES: - Screw Type - Rear Mounting - Solder Contacts - IP 68 △ Available in 3, 4, 5 and 8 Pins △ Means Different Versions	 	LTW12-△BMMB-SL7001 LTW12-△BMMB-SR7001 FEATURES: - Screw Type - Screw in Termination - Field Installable 180° or 90° Field Installable △ Available in 3, 4 and 5 Pins	
			LTWSS-△0000-M00-YSBXX FEATURES: - Screw Type - Y Cable Adaptor - PU Cable △ Available in 3, 4, 5 and 8 Pins	

Please Refer to "How to Order"

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
1	LTW12-△PMMS-SF8△ FEATURES: - Screw Type - Hexagonal Backshell - Solder Contacts - IP 68 △ Available in 3, 4, 5 and 8 Pins △ Means Different Versions		LTW12-△AFFM-SL7△XX LTW12-△AFFM-SR7△XX FEATURES: - Screw Type with SR 180° or 90° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable	
		 LTW12-△BFFM-SR8△XX FEATURES: - Screw Type Shielded without SR 180° or 90° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable		
			LTW12S-△BFFM-SL7△XX FEATURES: - Screw Type Shielded without SR 180° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable	
2	LTW12-△PMMP-SF8△ FEATURES: - Screw Type - Hexagonal Backshell - PCB Contacts - IP 68 △ Available in 3, 4, 5 and 8 Pins △ Means Different Versions		LTW12L-03BFFM-SR7△XX FEATURES: - Screw Type w/LED without SR 90° Molded with Cable △ Available in 3, 4, 5 and 8 Pins △ Available in PVC or PU Cable	
			LTW12-△BFFA-SL8001 FEATURES: - Screw Type - Solder Contacts - Field Installable △ Available in 3, 4, 5 and 8 Pins	
	LTW12-PMMS-SH8△ FEATURES: - Screw Type - Rear Mounting - Solder Contacts - IP 68 △ Means Different Versions	 	LTW12-△BFFB-SL7001 LTW12-△BFFB-SR7001 FEATURES: - Screw Type - Screw in Termination 180° or 90° Field installable △ Available in 3, 4, 5 and 8 Pins	
			LTWSS-△0000-F00-YSBXX FEATURES: - Screw Type - Y Cable Adaptor - PU Cable △ Available in 3, 4 and 5 Pins	

Please Refer to "How to Order"

12 M12 Sensor Connector: Male Panel Connector

Panel (Chassis) Mount		Mating Parts of 3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
3 UPON REQUEST 	LTW12-△PMMR-SF8001 FEATURES: • Screw Type • Right Angle with Board Lock • IP 68 • △ Available in 5 Pins		LTW12-△AFFM-SL7△XX LTW12-△AFFM-SR7△XX FEATURES: • Screw Type with SR • 180° or 90° Molded with Cable • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable	
			LTW12-△BFFM-SL8△XX LTW12-△BFFM-SR8△XX FEATURES: • Screw Type Shielded without SR • 180° Molded with Cable • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable	
			LTW12S-△BFFM-SL7△XXX FEATURES: • Screw Type Shielded without SR • 180° Molded with Cable • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable	
		SOME SPEC. UPON REQUEST 	LTW12L-03BFFM-SR7△XX FEATURES: • Screw Type w/LED without SR • 90° Molded with Cable • △ Available in 4 or 5 Pins • △ Available in PVC or PU Cable	
			LTW12-△BFFA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • △ Available in 3, 4, 5 and 8 Pins	UPON REQUEST 
			LTW12-△BFFB-SL7001 LTW12-△BFFB-SR7001 FEATURES: • Screw Type • Screw in Termination • 180° or 90° Field installable • △ Available in 3, 4 and 5 Pins	UPON REQUEST 
			LTWSS-△0000-F00-YSBXX FEATURES: • Screw Type • Y Cable Adaptor • PU Cable • △ Available in 3, 4, 5 and 8 Pins	

Please Refer to "How to Order"

M12 Sensor Connector: Male Plastic Connector 13

Male Connector		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
1 SOME SPEC. UPON REQUEST 	LTWM12P-△PMMS-SC8001 FEATURES: • Screw Type • Solder Contracts • Rear Mounting • IP 68 • △ Available in 3, 4, 5 and 8 Pins		LTW12P-△BFFM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 3, 4 and 5 Pins • △ Available in PVC or PU Cable	
			LTW12P-△BFFM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 3, 4 and 5 Pins • △ Available in PVC or PU Cable	
2 	LTW12P-△BMMM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • IP 68 • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable		LTW12P-△BFFA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • △ Available in 3, 4, 5 and 8 Pins	
	LTW12P-△BMMM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • IP 68 • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable		LTW12P-△BFFB-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° Field installable • △ Available in 3, 4 and 5 Pins	
			LTW12P-△BFFB-SR7001 FEATURES: • Screw Type • Screw in Termination • 90° Field Installable • △ Available in 3, 4 and 5 Pins	

Please Refer to Page 1 : How to Order

14 M12 Sensor Connector: Male Plastic Connector

Male Connector		Mating Parts of 3 & 4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
3 	LTW12P-△BMMA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • IP 68 • △ Available in 3, 4, 5 and 8 Pins		LTW12P-△BFFM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable	
			LTW12P-△BFFM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 3, 4, 5 and 8 Pins • △ Available in PVC or PU Cable	
			LTW12P-△BFFA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • △ Available in 3, 4, 5 and 8 Pins	
4 	LTW12P-△BMMA-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° Field Installable • IP 67 • △ Available in 3, 4 and 5 Pins		LTW12P-△BFFB-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° Field Installable • △ Available in 3, 4 and 5 Pins	
			LTW12P-△BFFB-SR7001 FEATURES: • Screw Type • Screw in Termination • 90° Field Installable • △ Available in 3, 4 and 5 Pins	
			LTW12P-△PFFP-SF8001 FEATURES: • Screw Type • PCB Contacts • Hexagonal Backshell • IP 68 • △ Available in 3, 4, 5 and 8 Pins	
	LTW12P-△BMMA-SR7001 FEATURES: • Screw Type • Screw in Termination • 90° Field Installable • IP 67 • △ Available in 3, 4 and 5 Pins		LTW12P-△PFFS-SF8001 FEATURES: • Screw Type • Solder Contacts • Hexagonal Backshell • IP 68 • △ Available in 3, 4, 5 and 8 Pins	
				

Please Refer to Page 1 : How to Order

M12 B-Coded Sensor Connector: Female Panel Connector 15

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
1 	LTW12B-△PFFS-SF8△ FEATURES: • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 • △ Available in 3, 4 and 5 Pins • △ Means Different Versions		LTW12B-△BMMM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 4 and 5 Pins • △ Available in PVC or PU Cable	
			LTW12B-△BMMM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 4 and 5 Pins • △ Available in PVC or PU Cable	
			LTW12B-△BMMA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • △ Available in 3, 4 and 5 Pins	
2 	LTW12B-△PFFS-SH8△ FEATURES: • Screw Type • Rear Mounting • Solder Contacts • IP 68 • △ Available in 3, 4 and 5 Pins • △ Means Different Versions		LTW12B-△BMMB-SL7001 FEATURES: • Screw Type • Screw in Termination • Field Installable • 180° Field Installable • △ Available in 4 and 5 Pins	
			LTW12B-△BMMB-SR7001 FEATURES: • Screw Type • Screw in Termination • Field Installable • 90° Field Installable • △ Available in 4 and 5 Pins	
			LTWSB-△0000-M00-YSBXX FEATURES: • Screw Type • Y Cable Adaptor • PU Cable • △ Available in 4 and 5 Pins	

Please Refer to "How to Order"

16 M12 B-Coded Sensor Connector: Male Panel Connector

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTW12B-△PMMS-SF8△ FEATURES: - Screw Type - Hexagonal Backshell - Solder Contacts - IP 68 △ Available in 3, 4 and 5 Pins △ Means Different Versions		LTW12B-△BFFM-SL8△XX FEATURES: - Screw Type without SR 180° Molded with Cable △ Available in 4 and 5 Pins △ Available in PVC or PU Cable	
			LTW12B-△BFFM-SR8△XX FEATURES: - Screw Type without SR 90° Molded with Cable △ Available in 4 and 5 Pins △ Available in PVC or PU Cable	
	LTW12B-△PMMP-SF8△ FEATURES: - Screw Type - Hexagonal Backshell - PCB Contacts - IP 68 △ Available in 4 and 5 Pins △ Means Different Versions		LTW12B-△BFFA-SL8001 FEATURES: - Screw Type - Solder Contacts - Field Installable △ Available in 3, 4 and 5 Pins	
			LTW12B-△BFFB-SL7001 FEATURES: - Screw Type - Screw in Termination - Field Installable 180° Field Installable △ Available in 4 and 5 Pins	
	2 LTW12B-△PMMS-SH8△ FEATURES: - Screw Type - Rear Mounting - Solder Contacts - IP 68 △ Available in 3, 4 and 5 Pins △ Means Different Versions		LTW12B-△BFFB-SR7001 FEATURES: - Screw Type - Screw in Termination - Field Installable 90° Field Installable △ Available in 4 and 5 Pins	
			LTWSB-△0000-F00-YSBXX FEATURES: - Screw Type - Y Cable Adaptor - PU Cable △ Available in 4 and 5 Pins	

Please Refer to "How to Order"

M12 B-Coded Sensor Connector: Male Plastic Connector 17

Male Connector		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWSBP-△BMMM-SL8△XX FEATURES: - Screw Type without SR 180° Molded with Cable - PVC or PU Cable - IP 68 △ Available in 4 and 5 Pins △ Available in PVC or PU Cable		LTWSBP-△BFFM-SL8△XX FEATURES: - Screw Type without SR 180° Molded with Cable △ Available in 4 and 5 Pins △ Available in PVC or PU Cable	
	2 LTWSBP-△BMMM-SR8△XX FEATURES: - Screw Type without SR 90° Molded with Cable - PVC or PU Cable - IP 68 △ Available in 4 and 5 Pins △ Available in PVC or PU Cable		LTWSBP-△BFFM-SR8△XX FEATURES: - Screw Type without SR 90° Molded with Cable △ Available in 4 and 5 Pins △ Available in PVC or PU Cable	
	LTWSBP-△BMMA-SL8001 FEATURES: - Screw Type - Solder Contacts - Field Installable - IP 68 △ Available in 3, 4 and 5 Pins		LTWSBP-△BFFA-SL8001 FEATURES: - Screw Type without SR - Solder Contacts - Field Installable △ Available in 3, 4 and 5 Pins	

Please Refer to Page 1 : How to Order

Male Connector		Mating Parts of 3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWSBP-△BMMB-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° Field Installable • IP 67 • △ Available in 4 and 5 Pins		LTWSBP-△BFFB-SL7001 FEATURES: • Screw Type • Screw in Termination • 180° Field Installable • △ Available in 4 and 5 Pins	
	LTWSBP-△BMMB-SR7001 FEATURES: • Screw Type • Screw in Termination • 90° Field Installable • IP 67 • △ Available in 4 and 5 Pins		LTWSBP-△BFFB-SR7001 FEATURES: • Screw Type • Screw in Termination • 90° Field Installable • △ Available in 4 and 5 Pins	

Please Refer to Page 1 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTW12D-△PFFS-SF8△ FEATURES: • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 • △ Available in 3, 4 and 5 Pins • △ Means Different Versions		LTW12D-△BMMM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in 4 and 5 Pins • △ Available in PVC or PU Cable	
			LTW12D-△BMMM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in 4 and 5 Pins • △ Available in PVC or PU Cable	
	LTW12D-△PFFP-SF8△ FEATURES: • Screw Type • Hexagonal Backshell • PCB Contacts • IP 68 • △ Available in 3, 4 and 5 Pins • △ Means Different Versions		LTW12D-△BMMMA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • △ Available in 3, 4 and 5 Pins	 UPON REQUEST
			LTW12D-△BMMB-SL7001 FEATURES: • Screw Type • Screw in Termination • Field Installable • 180° Field Installable • △ Available in 4 and 5 Pins	 UPON REQUEST
	LTW12D-△PFFS-SH8△ FEATURES: • Screw Type • Rear Mounting • Solder Contacts • IP 68 • △ Available in 3, 4 and 5 Pins • △ Means Different Version		LTW12B-△BMMB-SR7001 FEATURES: • Screw Type • Screw in Termination • Field Installable • 90° Field Installable • △ Available in 4 and 5 Pins	 UPON REQUEST
			LTWSD-0000-M00-YSBXX FEATURES: • Screw Type • Y Cable Adaptor • PU Cable	

Please Refer to "How to Order"

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTW12D-PMMS-SF8 FEATURES: - Screw Type - Hexagonal Backshell - Solder Contacts - IP 68 - Available in 3, 4 and 5 Pins - Means Different Versions		LTW12D-BFFM-SL8 FEATURES: - Screw Type without SR 180° Molded with Cable - Available in 4 and 5 Pins - Available in PVC or PU Cable	
			LTW12D-BFFM-SR8 FEATURES: - Screw Type without SR 90° Molded with Cable - Available in 4 and 5 Pins - Available in PVC or PU Cable	
	LTW12D-PMMP-SF8 FEATURES: - Screw Type - Hexagonal Backshell - PCB Contacts - IP 68 - Available in 4 and 5 Pins - Means Different Versions		LTW12D-BFFA-SL8001 FEATURES: - Screw Type - Solder Contacts - Field Installable - Available in 3, 4 and 5 Pins	
			LTW12D-BFFB-SL7001 FEATURES: - Screw Type - Screw in Termination 180° Field Installable - Available in 4 and 5 Pins	
	2 LTW12D-PMMS-SH8 FEATURES: - Screw Type - Rear Mounting - Solder Contacts - IP 68 - Available in 3, 4 and 5 Pins - Means Different Versions		LTW12D-BFFB-SR7001 FEATURES: - Screw Type - Screw in Termination 90° Field Installable - Available in 4 and 5 Pins	
			LTWSD-0000-F00-YSBXX FEATURES: - Screw Type - Y Cable Adaptor - PU Cable - Available in 4 and 5 Pins	

Please Refer to "How to Order"

Male Connector		Mating Parts of 1 ~ 5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWSDP-BMMM-SL8 FEATURES: - Screw Type without SR 180° Molded with Cable - PVC or PU Cable - IP 68 - Available in 4 and 5 Pins - Available in PVC or PU Cble		LTWSDP-BFFM-SL8 FEATURES: - Screw Type without SR 180° Molded with Cable - Available in 4 and 5 Pins - Available in PVC or PU Cable	
	2 LTWSDP-BMMM-SR8 FEATURES: - Screw Type without SR 90° Molded with Cable - PVC or PU Cable - IP 68 - Available in 4 and 5 Pins - Available in PVC or PU Cble		LTWSDP-BFFM-SR8 FEATURES: - Screw Type without SR 90° Molded with Cable - Available in 4 and 5 Pins - Available in PVC or PU Cable	
	3 LTWSDP-BMMA-SL8XXX FEATURES: - Screw Type - Solder Contacts - Field Installable - IP 68 - Available in 3, 4 and 5 Pins		LTWSDP-BFFA-SL8XXX FEATURES: - Screw Type - Solder Contacts - Field Installable - Available in 3, 4 and 5 Pins	
	4 LTWSDP-BMMB-SL7XXX FEATURES: - Screw Type - Screw in Termination 180° Field Installable - IP 67 - Available in 4 and 5 Pins		LTWSDP-BFFB-SL7XXX FEATURES: - Screw Type - Screw in Termination 180° Field Installable - Available in 4 and 5 Pins	
	5 LTWSDP-BMMB-SR7XXX FEATURES: - Screw Type - Screw in Termination 90° Field Installable - IP 67 - Available in 4 and 5 Pins		LTWSDP-BFFB-SR7XXX FEATURES: - Screw Type - Screw in Termination 90° Field Installable - Available in 4 and 5 Pins	

Please Refer to Page 1 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTW12-05PFIS-SF8 <u>FEATURES:</u> • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 • △ Means Different Versions		LTW12-05AMIM-SL7△XX <u>FEATURES:</u> • Screw Type with SR • PVC or PU Cable • 180° Molded with Cable • △ Available in PVC or PU Cable	
			LTW12-05AMIM-SR7△XX <u>FEATURES:</u> • Screw Type with SR • PVC or PU Cable • 90° Molded with Cable • △ Available in PVC or PU Cable	
	LTW12-05PFIP-SF8 <u>FEATURES:</u> • Screw Type • Hexagonal Backshell • PCB Contacts • IP 68 • △ Means Different Versions		LTW12-05BMIM-SL8△XX <u>FEATURES:</u> • Screw Type without SR • PVC or PU Cable • 180° Molded with Cable • △ Available in PVC or PU Cable	 UPON REQUEST
	2 LTW12-05PFIS-SH8 <u>FEATURES:</u> • Screw Type • Rear Mounting • Solder Contacts • IP 68 • △ Means Different Versions		LTW12-05BMIM-SR8△XX <u>FEATURES:</u> • Screw Type without SR • PVC or PU Cable • 90° Molded with Cable • △ Available in PVC or PU Cable	 UPON REQUEST
			LTW12-05BMIA-SL8001 <u>FEATURES:</u> • Screw Type • Solder Contacts • Field Installable	 SOME SPEC. UPON REQUEST
			LTWSI-050000-M00-YSBXX <u>FEATURES:</u> • Screw Type • Y Cable Adaptor • PU Cable	 SOME SPEC. UPON REQUEST

Please Refer to "How to Order"

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTW12-05PMIS-SF8 <u>FEATURES:</u> • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 • △ Means Different Versions		LTW12-05AFIM-SL7△XX <u>FEATURES:</u> • Screw Type with SR • PVC or PU Cable • 180° Molded with Cable • △ Available in PVC or PU Cable	
			LTW12-05AFIM-SR7△XX <u>FEATURES:</u> • Screw Type with SR • PVC or PU Cable • 90° Molded with Cable • △ Available in PVC or PU Cable	
	LTW12-05PMIP-SF8 <u>FEATURES:</u> • Screw Type • Hexagonal Backshell • PCB Contacts • IP 68 • △ Means Different Versions		LTW12-05BFIM-SL8△XX <u>FEATURES:</u> • Screw Type without SR • PVC or PU Cable • 180° Molded with Cable • △ Available in PVC or PU Cable	 SOME SPEC. UPON REQUEST
	2 LTW12-05PMIS-SH8 <u>FEATURES:</u> • Screw Type • Rear Mounting • Solder Contacts • IP 68 • △ Means Different Versions		LTW12-05BFIM-SR8△XX <u>FEATURES:</u> • Screw Type without SR • PVC or PU Cable • 90° Molded with Cable • △ Available in PVC or PU Cable	 SOME SPEC. UPON REQUEST
			LTW12-05BFIA-SL8001 <u>FEATURES:</u> • Screw Type • Solder Contacts • Field Installable	 SOME SPEC. UPON REQUEST
			LTWSI-050000-F00-YSBXX <u>FEATURES:</u> • Screw Type • Y Cable Adaptor • PU Cable	 SOME SPEC. UPON REQUEST

Please Refer to "How to Order"

24 M12 I Style Sensor Connector: Male Plastic Connector

Male Connector		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTW12P-05BMIM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available PVC or PU Cable • IP 68		LTW12P-05BFIM-SL8△XX FEATURES: • Screw Type without SR • 180° Molded with Cable • △ Available in PVC or PU Cable	
	2 LTW12P-05BMIM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available PVC or PU Cable • IP 68		LTW12P-05BFIM-SR8△XX FEATURES: • Screw Type without SR • 90° Molded with Cable • △ Available in PVC or PU Cable	
	3 LTW12P-05BMIA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable • IP 68		LTW12P-05BFIA-SL8001 FEATURES: • Screw Type • Solder Contacts • Field Installable	

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About Amphenol LTW

Founded in 1993 in Taiwan by Peter Chen, LTW Technology is a professional innovator and manufacturer focusing on outdoor waterproof connectors and solutions.

LTW Technology was acquired by Amphenol Group in April of 2010 and now the official name changed from "LTW Technology" to "Amphenol LTW Technology Co., Ltd.". Amphenol LTW is still lead by current management team, under the leadership of Peter Chen and will dedicate to the same principle that LTW has driven relationship with its customers in the past: Quality, Service, Enthusiasm, Professionalism and Innovation.

Amphenol LTW has actively devoted to various outdoor and industrial applications by successfully developing high-end waterproof connectors. We acquired many worldwide patents and certification such as ISO14001, ISO9001, and NMEA 2000...etc. Amphenol LTW is well positioned to enhance products quality and customer service.

Headquartered in Shijiang city, Taipei County - Taiwan, Amphenol LTW group has approximately 620 employees with R&D center in Hualien, East of Taiwan, Automated CNC, tool and mold factories in Shulin, Taipei County, and a complete production line operating in Kunshan, Jiangsu Province, China.

Products

Amphenol LTW designs and manufactures waterproof connectors which are high/low temperature resistant, UV resistant, and dusts, sands and corrosion proof and cable assemblies for various purposes and applications. All products meet IP66, IP67, IP68 or IP69K. The waterproof range includes Circular, RJ45, D-sub, Sensor, USB, DVI/HDMI, Power Connector, Hybrid Connector, etc.

All products are designed and built to meet high standard requirements such as: Temperature resistant, Fire-proof, Dirt-proof, EMI-proof, Vibration-proof, Shock-proof, UV-resistant, Oil-resistant, Chemical resistant, Environmental-friendly, Durable, Long Life cycle, and Easy of Use.

All products are designed to provide customers value-added solutions whilst enabling to be competitive and shorten time to market cycle.

Applications

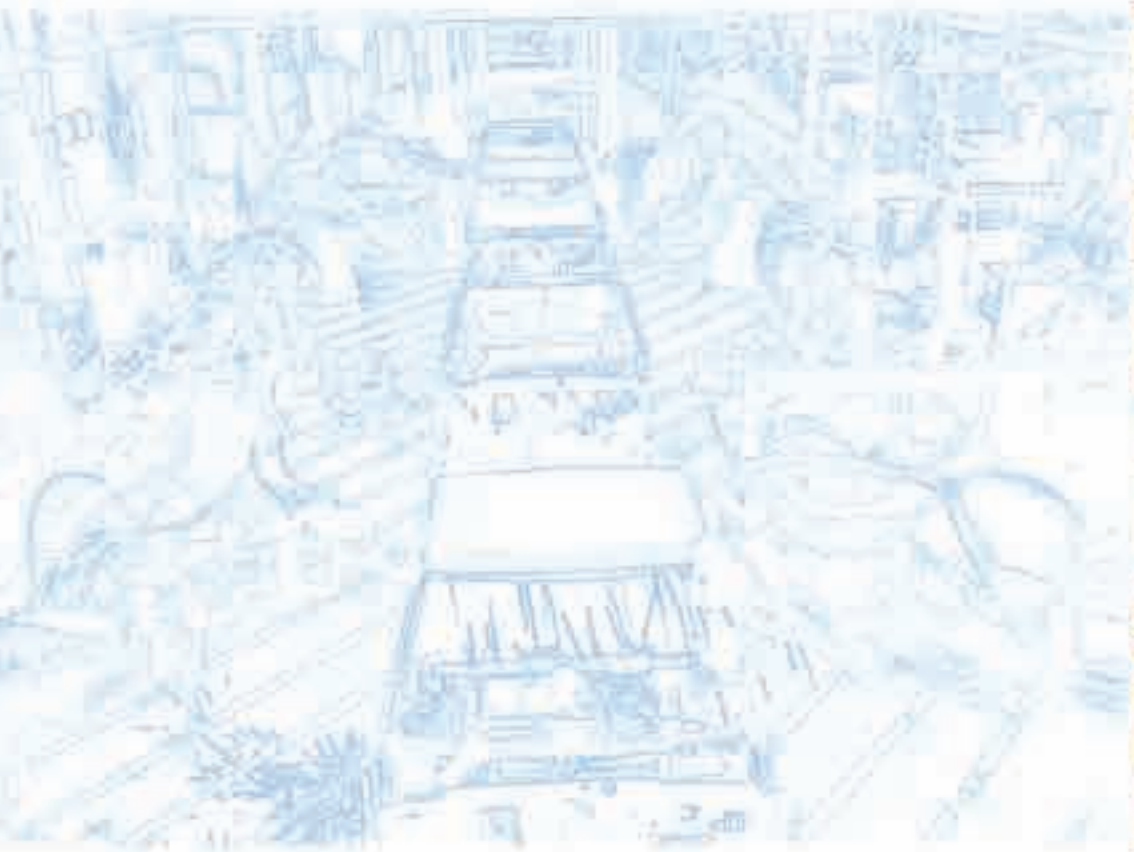
Amphenol LTW is more than a supplier of connector but a solution provider to your challenges and problems.

Amphenol LTW connector solutions targeting the following market applications:

- | | | |
|----------------------|-------------------------|--------------------------------|
| ■ Aerospace, Medical | ■ Industrial Automation | ■ GPS |
| ■ Military, Marine | ■ Outdoor Surveillance | ■ LED Screen & Lighting |
| ■ Diving Device | ■ Automobile | ■ Renewable Energy |
| ■ Sonar Radar | ■ Audio/Video | ■ WiMax/Wireless Communication |

Amphenol LTW is dedicated to satisfy worldwide customers by innovative design and qualified manufacture for different market segments.

Amphenol[®] LTW[®]



Amphenol LTW Technology Co., Ltd.

泰明電子有限公司

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Waterproof Solution Provider