

	1	2	3	4	5	6	7	8		
	4P	8.2	M12S-04BFFM-SR8GXX			REV.	ECN NO.	DATE	SIGN	DESCRIPTION
	3P	7.5	M12S-03BFFM-SR8GXX			B	C211568	2021/10/15	Li Dai	$\triangle B$ X3
F	No. of Contact	Cable OD(mm)	Item No.			C	C221810	2022/12/07	Li Dai	$\triangle C$ X4
						D	C230009	2023/01/03	Vicky	$\triangle D$ X3
E										
D										
C										
B										
A										

PE	Yellow/Green	黃/綠	PE	Yellow/Green	黃/綠
3	Blue	藍	3	Blue	藍
1	Brown	棕	2	White	白
Pin #	Wire		Pin #	Wire	

Pin Out

$\triangle B$ 2+PE

$\triangle B$ 3+PE

Pin Assignments Front View

UNIT:mm		TITLE
TOLERANCE	$\pm 0.5mm$	N SEN, M12 S, SCREW CABLE W/O SR, F, F, MOLDING
SCALE	1:1	SIZE A4
REV.	D	WC-REV. .0
		$\triangle C$: Inspection item

安費諾亮泰企業股份有限公司

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Li Dai	2021-09-28
DWG NO	CHECKED BY	DATE
$\triangle C$ M12S-XXBFFM-SR8GXX	Fisher Wang	2021-09-28
CUSTOMER	APPROVED BY	DATE
ALTW	Max Yang	2021-09-28

$\triangle D$ Note:

- * RoHS Compliant
- * $\triangle C$ Important dimension
- * $\triangle D$ Waterproof rate: IP68, mated 1m/24h
IP69K, mated
- * Connector
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
O-Ring: Rubber, Green
Nut: Metal
Outer mold: Thermoplastic, Black
- * Cable: UL2586, 16AWG, PVC Jacket, Black
- * Cable length tolerance: 1M: +50/-0 mm
3M < L $\leq$ 5M: +150/-0 mm
5M < L $\leq$ 10M: ± 100 mm
10M < L $\leq$ 20M: ± 200 mm
20M < L $\leq$ 30M: ± 300 mm
30M < L $\leq$ 99M: ± 500 mm

M12S-XXBFFM-SR8GXX $\triangle C$

XX: 01~99 Meters
01: 01 Meter
02: 02 Meters
.
99: 99 Meters

No. of Pin

$\triangle C$ L (mm)

(40.9)

(36.2)

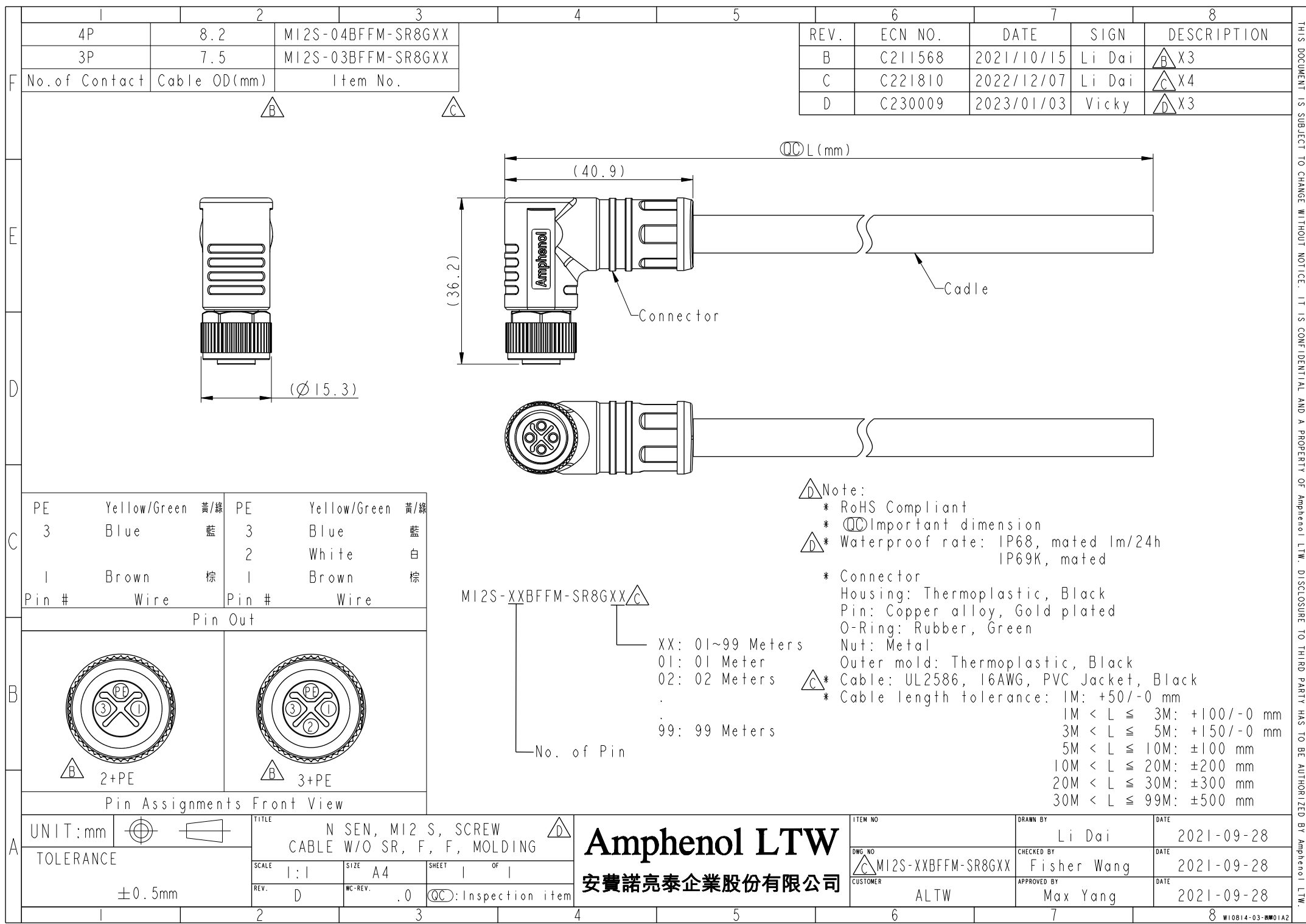
Connector

Cable

$\phi 15.3$

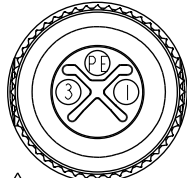
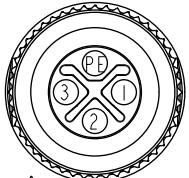
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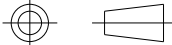
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	1	2	3	4	5	6	7	8		
	4P	8.2	M12S-04BFFM-SR8GXX			REV.	ECN NO.	DATE	SIGN	DESCRIPTION
	3P	7.5	M12S-03BFFM-SR8GXX			B	C211568	2021/10/15	Li Dai	$\triangle B$ X3
F	No. of Contact	Cable OD(mm)	Item No.			C	C221810	2022/12/07	Li Dai	$\triangle C$ X4
						D	C230009	2023/01/03	Vicky	$\triangle D$ X3
E										
D										
C										
B										
A										

PE	Yellow/Green	黃/綠	PE	Yellow/Green	黃/綠
3	Blue	藍	3	Blue	藍
1	Brown	棕	2	White	白
Pin #	Wire		Pin #	Wire	

	
$\triangle B$ 2+PE	$\triangle B$ 3+PE

UNIT:mm		TITLE
TOLERANCE		N SEN, M12 S, SCREW
		CABLE W/O SR, F, F, MOLDING
		SCALE 1:1
		SIZE A4
		SHEET 1 OF 1
		REV. D
		WC-REV. .0
		$\triangle C$: Inspection item

Amphenol LTW		
安費諾亮泰企業股份有限公司		

ITEM NO	DRAWN BY	DATE
	Li Dai	2021-09-28
DWG NO	CHECKED BY	DATE
$\triangle C$ M12S-XXBFFM-SR8GXX	Fisher Wang	2021-09-28
CUSTOMER	APPROVED BY	DATE
ALTW	Max Yang	2021-09-28

1	2	3	4	5	6	7	8
		</					

	1	2	3	4	5	6	7	8		
	4P	8.2	M12S-04BFFM-SR8GXX			REV.	ECN NO.	DATE	SIGN	DESCRIPTION
	3P	7.5	M12S-03BFFM-SR8GXX			B	C211568	2021/10/15	Li Dai	$\triangle B$ X3
F	No. of Contact	Cable OD(mm)	Item No.			C	C221810	2022/12/07	Li Dai	$\triangle C$ X4
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E										
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PE	Yellow/Green	黃/綠	PE	Yellow/Green	黃/綠
3	Blue	藍	3	Blue	藍
1	Brown	棕	2	White	白
Pin #	Wire		Pin #	Wire	

Pin Out

$\triangle B$ 2+PE

$\triangle B$ 3+PE

Pin Assignments Front View

UNIT:mm		TITLE
TOLERANCE	$\pm 0.5mm$	N SEN, M12 S, SCREW CABLE W/O SR, F, F, MOLDING
SCALE	1:1	SIZE A4
REV.	D	WC-REV. .0
		$\triangle C$: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Li Dai	2021-09-28
DWG NO	CHECKED BY	DATE
$\triangle C$ M12S-XXBFFM-SR8GXX	Fisher Wang	2021-09-28
CUSTOMER	APPROVED BY	DATE
ALTW	Max Yang	2021-09-28

Note:

- * RoHS Compliant
- * $\triangle C$ Important dimension
- * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
- * Connector
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
O-Ring: Rubber, Green
Nut: Metal
Outer mold: Thermoplastic, Black
- * Cable: UL2586, 16AWG, PVC Jacket, Black
- * Cable length tolerance: 1M: +50/-0 mm
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5M < L ≤ 10M: ±100 mm
10M < L ≤ 20M: ±200 mm
20M < L ≤ 30M: ±300 mm
30M < L ≤ 99M: ±500 mm

XX: 01~99 Meters
01: 01 Meter
02: 02 Meters
.
99: 99 Meters

No. of Pin

	1	2	3	4	5	6	7	8		
	4P	8.2	M12S-04BFFM-SR8GXX			REV.	ECN NO.	DATE	SIGN	DESCRIPTION
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PE	Yellow/Green	黃/綠	PE	Yellow/Green	黃/綠
3	Blue	藍	3	Blue	藍
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Pin #	Wire		Pin #	Wire	

Pin Out

$\triangle B$ 2+PE

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Pin Assignments Front View

UNIT:mm		TITLE
TOLERANCE	$\pm 0.5mm$	N SEN, M12 S, SCREW CABLE W/O SR, F, F, MOLDING
SCALE	1:1	SIZE A4
REV.	D	WC-REV. .0
		$\triangle C$: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

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$\triangle C$ M12S-XXBFFM-SR8GXX	Fisher Wang	2021-09-28
CUSTOMER	APPROVED BY	DATE
ALTW	Max Yang	2021-09-28

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01: 01 Meter
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No. of Pin

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	3P	7.5	M12S-03BFFM-SR8GXX			B	C211568	2021/10/15	Li Dai	$\triangle B$ X3
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PE	Yellow/Green	黃/綠	PE	Yellow/Green	黃/綠
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Pin Out

$\triangle B$ 2+PE

$\triangle B$ 3+PE

Pin Assignments Front View

UNIT:mm		TITLE
TOLERANCE	$\pm 0.5mm$	N SEN, M12 S, SCREW CABLE W/O SR, F, F, MOLDING
SCALE	1:1	SIZE A4
REV.	D	WC-REV. .0
		$\triangle C$: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
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DWG NO	CHECKED BY	DATE
$\triangle C$ M12S-XXBFFM-SR8GXX	Fisher Wang	2021-09-28
CUSTOMER	APPROVED BY	DATE
ALTW	Max Yang	2021-09-28

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.
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No. of Pin

	1	2	3	4	5	6	7	8		
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Pin #	Wire		Pin #	Wire	

Pin Out

$\triangle B$ 2+PE

$\triangle B$ 3+PE

Pin Assignments Front View

UNIT:mm		TITLE
TOLERANCE	$\pm 0.5mm$	N SEN, M12 S, SCREW CABLE W/O SR, F, F, MOLDING
SCALE	1:1	SIZE A4
REV.	D	WC-REV. .0
		$\triangle C$: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Li Dai	2021-09-28
DWG NO	CHECKED BY	DATE
$\triangle C$ M12S-XXBFFM-SR8GXX	Fisher Wang	2021-09-28
CUSTOMER	APPROVED BY	DATE
ALTW	Max Yang	2021-09-28

Note:

- * RoHS Compliant
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20M < L ≤ 30M: ±300 mm
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XX: 01~99 Meters
01: 01 Meter
02: 02 Meters
.
99: 99 Meters

No. of Pin

1			2			3			4			5			6			7			8								
4P			8.2			MI2S-04BFFM-SR8GXX									REV.			ECN NO.			DATE			SIGN			DESCRIPTION		
3P			7.5			MI2S-03BFFM-SR8GXX									B			C211568			2021/10/15			Li Dai			△B X3		
No. of Contact			Cable OD(mm)			Item No.									C			C221810			2022/12/07			Li Dai			△C X4		
															D			C230009			2023/01/03			Vicky			△D X3		

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