

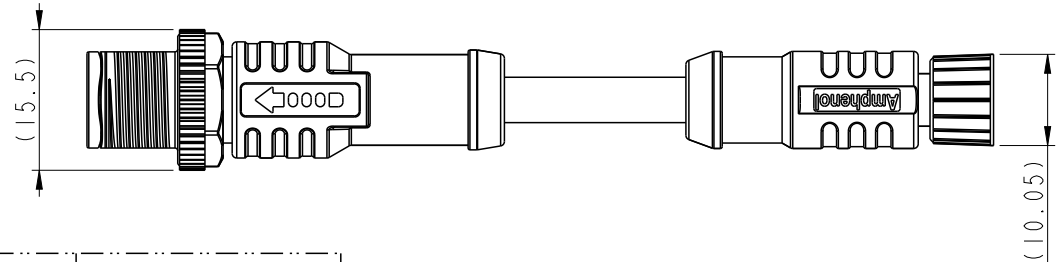
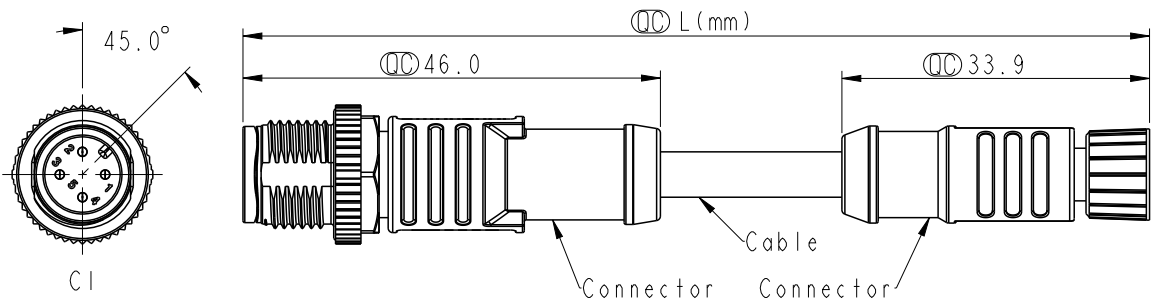
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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2023/12/29	Yunchen	Rev.01 to Rev.A

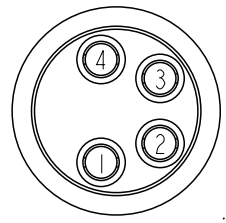
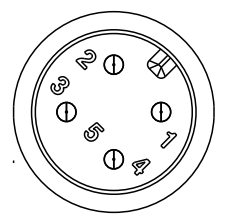
M12A~~XX~~ML-8FL-SD~~XX~~

XX: No. Of Pin

XXX: 0.5~99Meters
 A05: 0.5 Meter
 001: 1 Meter
 002: 2 Meters
 ...
 099: 99 Meters



Note:
 * RoHS Compliant
 * \varnothing Important dimension
 * C1
 Waterproof rate: IP68, mated 1m/24h, IP69K mated
 Housing: Thermoplastic, Black
 Pin: Copper alloy, Gold plated
 Nut: Metal
 Outer mold: Thermoplastic, Black
 * C2
 Waterproof rate: IP67, mated
 Housing: Thermoplastic, Black
 Pin: Copper alloy, Gold plated
 O-Ring: Rubber, Gray
 Nut: Metal
 Outer mold: Thermoplastic, Black
 * Cable: UL2517, 22#*4C, OD=4.8mm, PVC Jacket, BK
 * Cable length tolerance: 0.5M < L ≤ 1M: +60/-0 mm
 1M < L ≤ 3M: +120/-0 mm
 3M < L ≤ 5M: +160/-0 mm
 5M < L ≤ 10M: ±100 mm
 10M < L ≤ 20M: ±200 mm
 20M < L ≤ 30M: ±300 mm
 30M < L ≤ 99M: ±500 mm



4	Black	黑	4
3	Blue	藍	3
2	White	白	2
1	Brown	棕	1
C1	Wire Color		C2

Pin Assignments Front View

Pin Assignments Front View

UNIT:mm		TITLE	ACC, SEN, A CODE, DB-ENDED MF, 44
TOLERANCE	±0.5mm	SCALE	1:1
		SIZE	A4
		SHEET	1 OF 1
REV.	A	WC-REV.	A.2
		\varnothing	Inspection item

Amphenol LTW
 安費諾亮泰企業股份有限公司

ITEM NO	DRWN BY	DATE
	Yunchen	2023/12/29
DWG NO	CHECKED BY	DATE
M12A XX ML-8FL-SD XX	Neo	2023/12/29
CUSTOMER	APPROVED BY	DATE
ALTW	Fred	2023/12/29