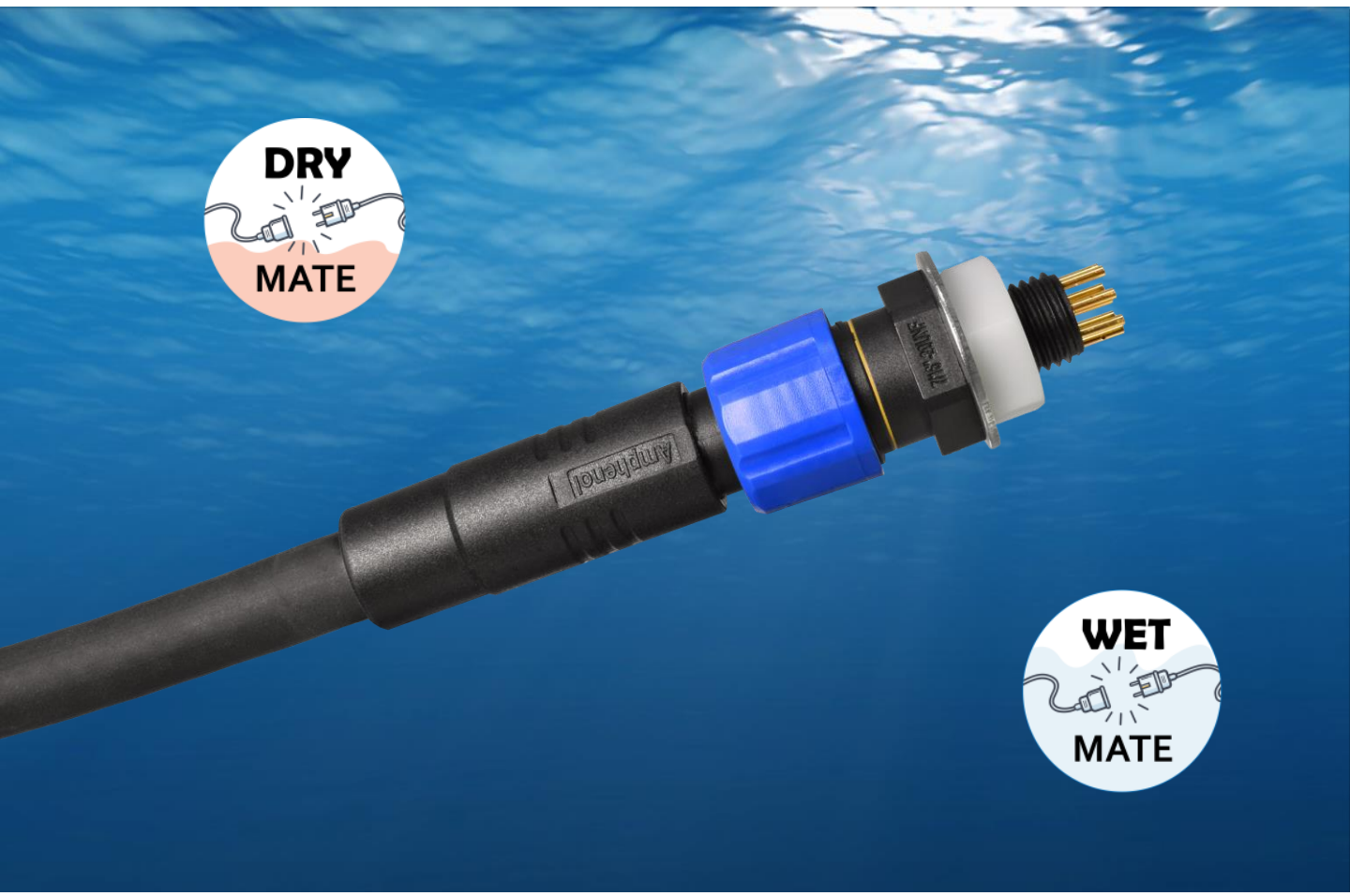
- Wet mating
  Metal-less structure for superior corrosion resistance and durability
- Immunity against cathodic delamination & galvanic corrosion
- Lightweight design lowers deployment costs
- Zero magnetic signature

Amphenol LTW

XIENTO SERIES

Ruggedized connectivity for shallow water immersion



Unrivaled InterConnects for Harsh Environments

About ALTW



3
Production Sites
(Taiwan, China, Mexico)

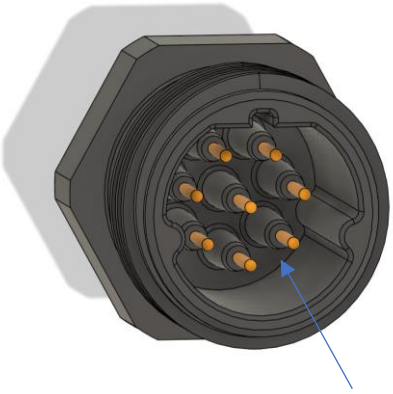
30+
Market Applications

90,000+
Products

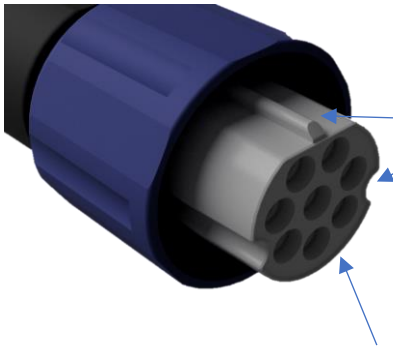
Since 1993, Amphenol LTW Technology “ALTW” lives and breathes to create, innovate, design and produce “***unrivaled interconnects for harsh environments***”. With over 300 worldwide patents, not only does ALTW offer the broadest and widest range of rugged interconnects in the industry but also customization with the mission of “Customer Satisfaction First”. Undoubtedly, ALTW is the leader in rugged interconnects, highly recognized for its uncompromising quality, short lead time, fast and tailored service and its very competitive pricing.

Regardless of the challenging environments that your products will be subject to; there is a very good chance that you will find what you are looking for with ALTW.

XIENTO Series



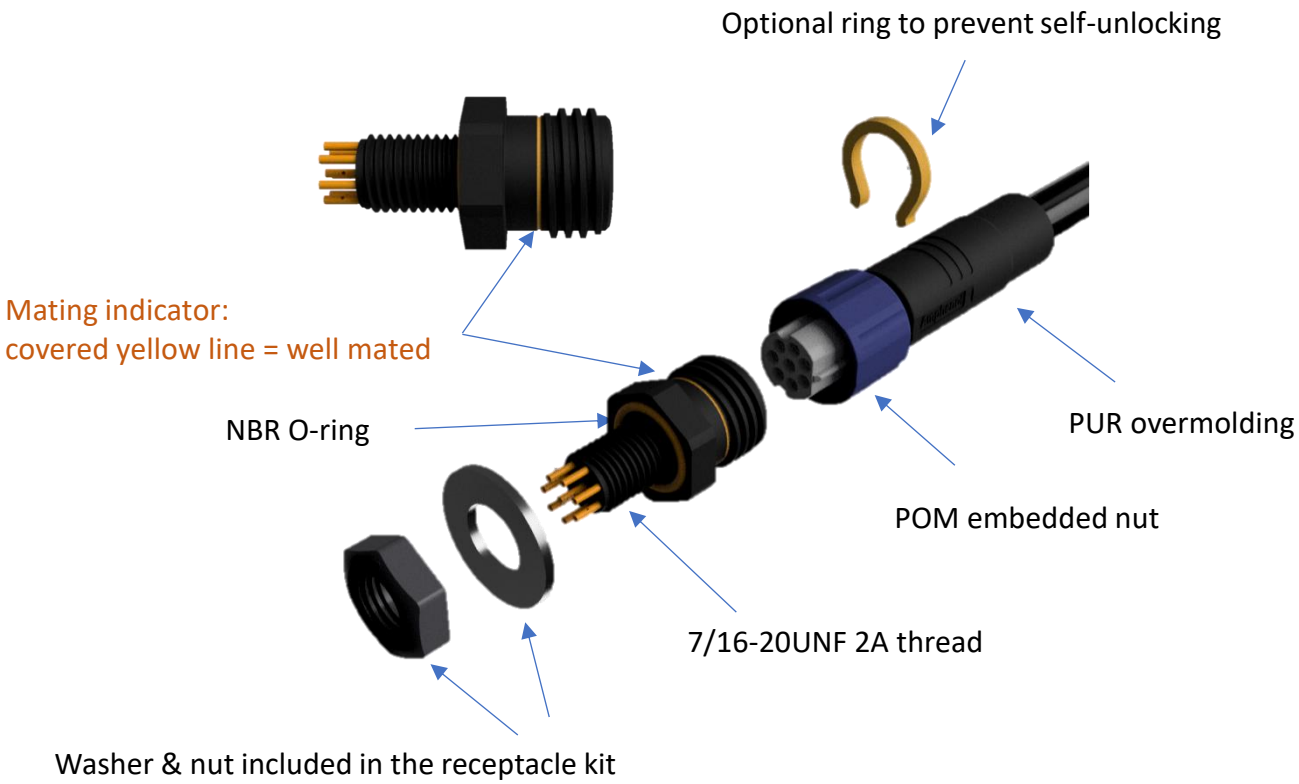
PEEK molded contacts to
avoid rubber to peel off



POKA YOKE
guiding rails & D-cut

TPU insert
adjustable shore hardness

Product exploded view



Amphenol LTW

Specifications and Applications

General Characteristics	
No. of contacts	8pin
Durability	500 cycles
Operating voltage	30V
Nominal current	2A
Contact resistance	10 milliohm
Insulation resistance	> 200 MΩ
High data transmission up to	Cat.5e (up to 40m)
Vibration resistance	NA
Mating style	Screw locking
Termination	Solder
Locking sleeve threads	Tr18*2.0
Bulkhead connector threads	7/16"-20UNF
Wet/splash mating endurance	Dry Mating (wet mating to achieve)

Environmental specifications	
Ingress protection	Tested 50 bars = 725 PSI, immersion down to 300m permanently
Temperature rating (water)	-4℃ ~ +60℃
Temperature rating (air)	-40℃ ~ +60℃
Storage temperature rating	-40℃ ~ +60℃

Material	
Bulkhead	PEEK, Nature
Connector housing	PU
Insulator/Insert	PU
Contact plated	Gold
Overmolding	TPU
Cable outer sheath / jacket	TPU
O-Rings	NBR
Locking sleeves	POM
Washer	SUS316



Underwater Equipment



Buoys



Underwater Vehicles



Wave Power Generation



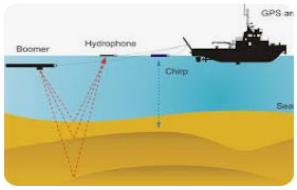
Diving



ROVs



Aquaculture



Geophysical



Amphenol LTW

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