

# THE ODU AMC<sup>®</sup> SERIES T

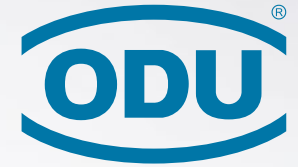
## Three locking options

The “T” stands for “Triple”: **Thread-lock, Push-pull or Break-away**

Choose the appropriate interlock type, size, cable connection, insert, and number of contacts to suit your requirements. The built-in trapezoidal thread with an integrated ratched mechanism ensures additional safety.

The ODU AMC<sup>®</sup> Series T connectors are available in two sizes, shell size 9 and 12. The cable connection can be created as overmold or with standard MIL backshells.

3-IN-1  
SOLUTION



## FLEXIBILITY MEETS ROBUSTNESS



- + Easy to assemble and install in the field
- + Operating temperature from  $-65\text{ }^{\circ}\text{C}$  to  $+175\text{ }^{\circ}\text{C}$
- + Suitable for MIL backshell and crimp contacts
- + High vibration resistance
- + Sealed mechanical area
- + Waterproof up to 1 m (IP6K9K)

### Inserts shell size 9

### Inserts shell size 12

8 pos.	10 pos.	5 pos.	18 pos.

### Coding options

	A	B	C	D
Mechanical coding: receptacle front view				
Color coding				
	Light Brown	Red	Blue	Green

Type	Performance
Protection class (mated)	IP6K9K
Immersion capability	1 m
Saltspray	96 h
Operating Temperature	-65 °C up to +175 °C
Mating cycles	500
Shell-to-shell conductivity	Voltage drop 2.5 mV
Random vibration <sup>1</sup>	37.8 g
Sine Vibration <sup>1</sup>	30 g
Mechanical shock <sup>1</sup>	300 g

Test methods:

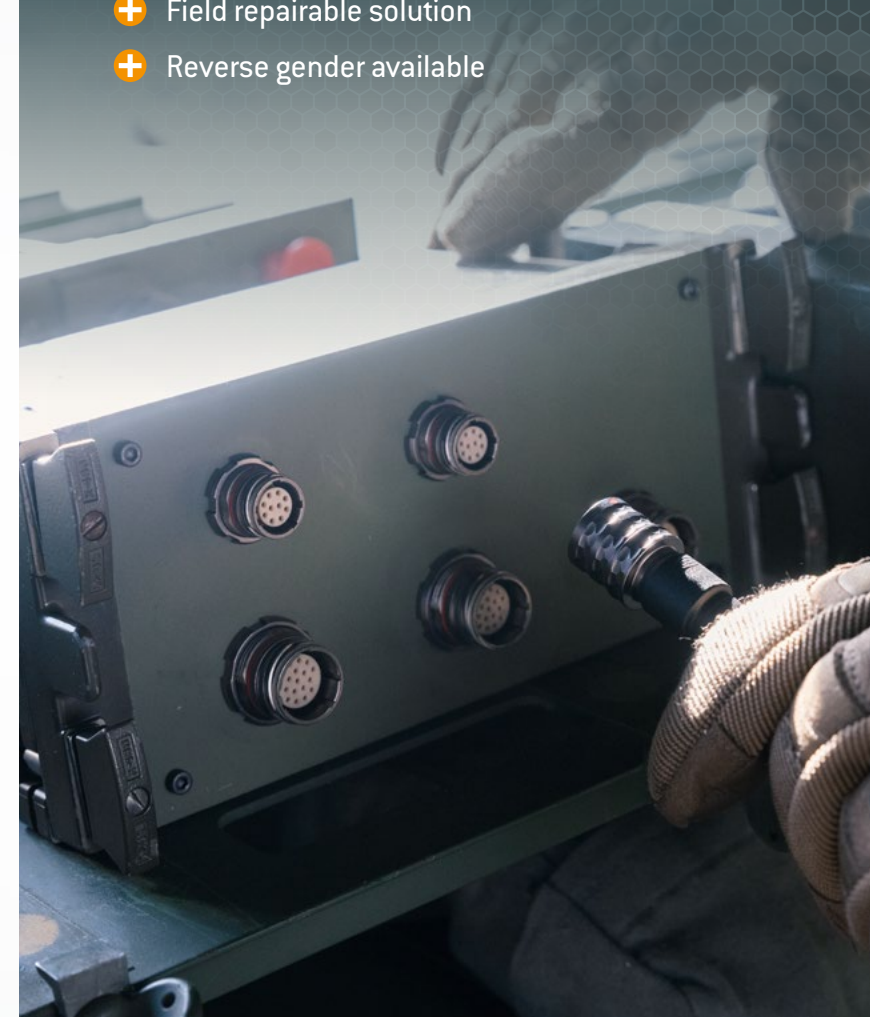


IP Rating:

- + ISO 20653:2013 / MIL-STD-810G: 2008 512.5
- + MIL-STD-202-110 ISO 20653:2013

Suitable for military, security, communication technology, heavy construction machinery and agricultural vehicles.

- + Customized cable assembly possible
- + Field repairable solution
- + Reverse gender available



<sup>1</sup> Threaded plug

## Select your connector with the keying of your choice

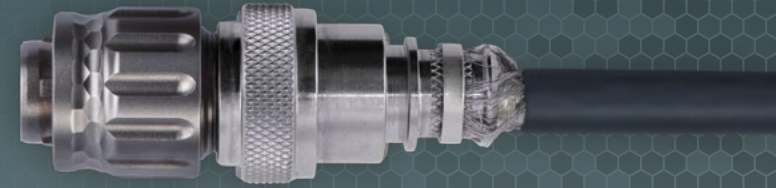
Shell-size	No. of contacts	Receptacle <small>(solder termination)</small>	Plug <small>with MIL-STD crimp contacts</small>	
		Order-no.	Locking type	Order-no.
09	10	GKT_AT0-E010WN-LS00	Break-away	A1T_AT0-E010PN-0000
			Push-pull	S1T_AT0-E010PN-0000
			Thread-lock	C1T_AT0-E010PN-0000
09	8	GKT_AT0-ED08WN-LS00	Break-away	A1T_AT0-ED08PN-0000
			Push-pull	S1T_AT0-ED08PN-0000
			Thread-lock	C1T_AT0-ED08PN-0000
12	5	GKT_AT0-H005WN-LS00	Break-away	A1T_AT0-H005PN-0000
			Push-pull	S1T_AT0-H005PN-0000
			Thread-lock	C1T_AT0-H005PN-0000
12	18	GKT_AT0-HM18WN-LS00	Break-away	A1T_AT0-HM18PN-0000
			Push-pull	S1T_AT0-HM18PN-0000
			Thread-lock	C1T_AT0-HM18PN-0000



## Cable termination types

### Backshell version

suitable for MIL STD 38999 Backshells



### Overmolded version



## Further documents

- [Crimp contact specification](#) (D00016300)
- [Product specification](#) (D00016301)
- [Accessories](#) (D00016302)
- [Assembly Instruction – Overmolded version](#) (D00016303)
- [Assembly Instruction – Backshell version](#) (D00016304)

Protection against water, dirt and dust **in accordance with your application and requirements.**

