











M12x1 with plastic locking nut

Technical data	M12x1
Insulation resistance	$\geq 10^8 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C
Contact material	Metal, gold-plated
Contact-carrier material	Plastic, TPU
Grip body material	Plastic, TPU
Locking nut material	Plastic
Sealing (female) material	FPM/FKM
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3

Plastic locking nuts dispose of a decisive advantage over stainless steel locking nuts: They are cost-effective, but by no means a cheap alternative. The plastic locking nuts developed by ESCHA are extremely robust. You can tighten them by hand as well as with a torque wrench. They are media- and temperature resistant and especially adapted for applications in utility vehicle area or agriculture. Thanks to different colours, you can easily mark connectors facilitating a quick allocation or distinction.

		Body				Cable				
		Pins	U[max]	I[max]	LED	Plastic locking nut color	Material	Color	UL	Item description
	Single-ended cordset female, straight, M12x1	4	250V	4 A		BK	PUR	BK		AL-WAKK4-L/S370/S545
						BU	PUR	BK		AL-WAKK4-L/S370/S535
						GY	PUR	BK		AL-WAKK4-L/S370
						RD	PUR	BK		AL-WAKK4-L/S370/S525
	Single-ended cordset female, angled, M12x1	4	250V	4 A		BK	PUR	BK		AL-WWAKK4-L/S370/S545
						BU	PUR	BK		AL-WWAKK4-L/S370/S535
						GY	PUR	BK		AL-WWAKK4-L/S370
						RD	PUR	BK		AL-WWAKK4-L/S370/S525
	Single-ended cordset male, straight, M12x1	4	250V	4 A		BK	PUR	BK		AL-WASK4-L/S370/S545
						BU	PUR	BK		AL-WASK4-L/S370/S535
						GY	PUR	BK		AL-WASK4-L/S370
						RD	PUR	BK		AL-WASK4-L/S370/S525
	Single-ended cordset male, angled, M12x1	4	250V	4 A		BK	PUR	BK		AL-WWASK4-L/S370/S545
						BU	PUR	BK		AL-WWASK4-L/S370/S535
						GY	PUR	BK		AL-WWASK4-L/S370
						RD	PUR	BK		AL-WWASK4-L/S370/S525
 	Double-ended cordset female, straight, M12x1 male, straight, M12x1	4	250V	4 A		BK	PUR	BK		AL-WAKK4-L-AL-WASK4/S370/S545
						BU	PUR	BK		AL-WAKK4-L-AL-WASK4/S370/S535
						GY	PUR	BK		AL-WAKK4-L-AL-WASK4/S370
						RD	PUR	BK		AL-WAKK4-L-AL-WASK4/S370/S525
 	Double-ended cordset female, angled, M12x1 male, straight, M12x1	4	250V	4 A		BK	PUR	BK		AL-WWAKK4-L-AL-WASK4/S370/S545
						BU	PUR	BK		AL-WWAKK4-L-AL-WASK4/S370/S535
						GY	PUR	BK		AL-WWAKK4-L-AL-WASK4/S370
						RD	PUR	BK		AL-WWAKK4-L-AL-WASK4/S370/S525