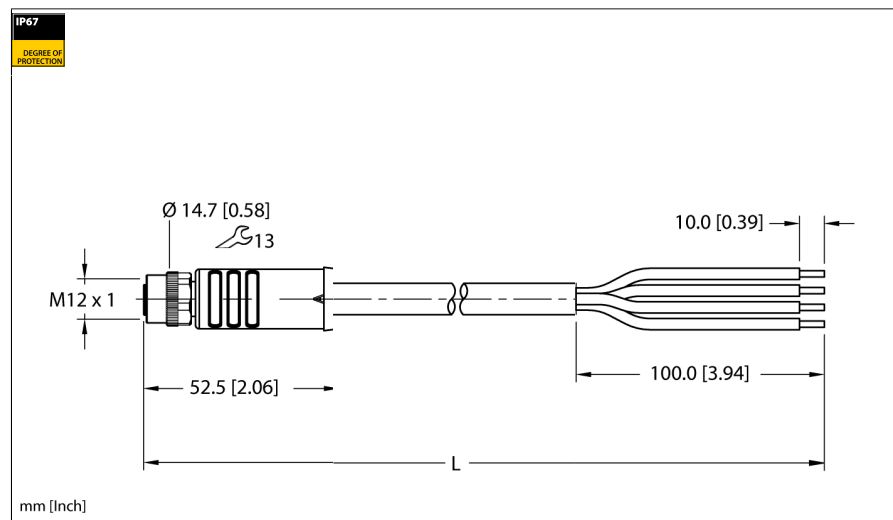


Power Cable Connection Cable RKP44PL-x/S1587/S2630

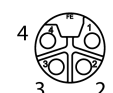


Type	RKP44PL-x/S1587/S2630
ID	777045221
Special version	S1587 = weld-splatter-resistant cable S2630 = M12 L-coded power for Ford Europe
Connector A	Female, M12 x 1, Straight, L-coded
Number of pins	4
Contact carriers	Plastic, PBT, Black
Connector body	Plastic, TPU, Gray
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	O ring, Rubber, NBR
Tightening torque	0.8 Nm
Mechanical lifespan	> 100 Mating cycles
Pollution degree	2
Protection class	IP67
	NEMA: 1, 3, 4

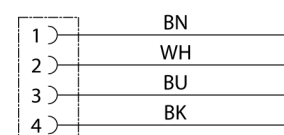
Cable	
Number of cores	4
Cable diameter	Ø 10.01mm
Cable jacket	TPE, Black
Conductor diameter	0.12 "
Conductor material	BC (bare copper)
Core insulation	PVC/nylon
Core cross-section	4 x 14 AWG [Similar to 2.50 mm²]
Arrangement of strands	41 x 30AWG
Core colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	63VDC
Current	16AA



- M12 male connector, straight, 4-pin, L-coded
- Power Tray/Exposed Run/Direct Burial Cable
- TPE jacket, black, 4 x 14 AWG
- UV resistant
- -40 °C cold bending strength
- Oil resistant
- Fire classes: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4, IEC 60332-3-22



Circuit Diagram



Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Cold flexural strength	-40 °C
Ambient temperature (fixed)	-40...+90°C
Ambient temperature (mobile)	5...+90°C
Ambient temperature during installation	-20...+90 °C

Approval	
Additional approvals	IEC 60332-3-22

Note	
	CAUTION: RISK OF ELECTRIC SHOCK! DO NOT DISCONNECT UNDER LOAD!
	Using the cable in extreme temperatures, when it is exposed to certain chemicals and above the nominal cycle speed or below the nominal bending radius of the cable can reduce the flexural strength.
	- We reserve the right to make technical modifications without prior notice.