



# Micro Style DC Plug w/LED

Series Types: RKT/LED --RKWT/LED

## Micro Style DC, Single Keyway w/LED: Irradiated PVC Cable



- Built-in LED's for power and signal indicators
- Molded transparent body for improved LED vision
- Single keyway, M12 threads
- IP68 NEMA 6P rating, UL and CSA
- Irradiated PVC offers excellent resistance to oils, chemicals and weld flash

### Order Information

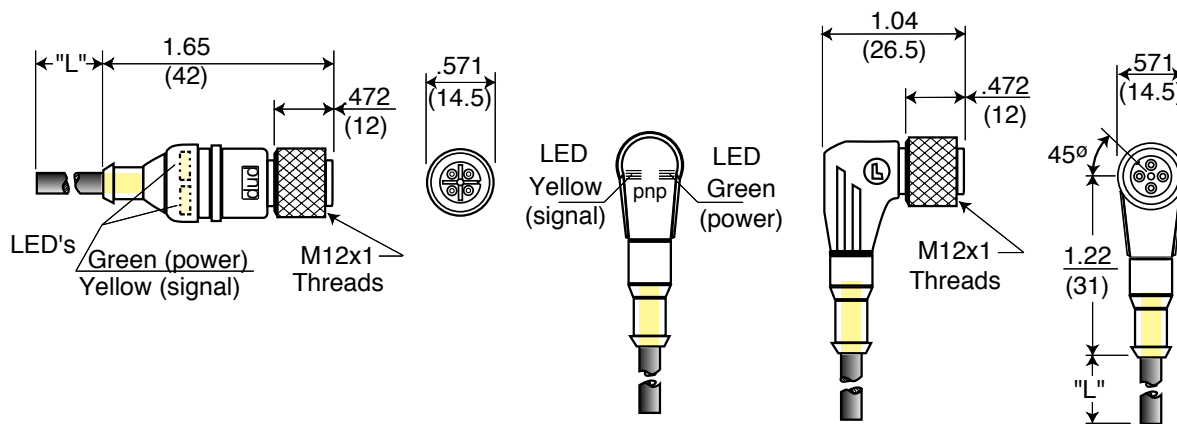
Face View Female			
Poles	3	3	3
Color Code	1 = Brown 2 = Blank 3 = Blue 4 = Black	1 = Brown 2 = Blank 3 = Blue 4 = Black	1 = Brown 2 = Black 3 = Blue 4 = Blank
Wiring Schematic	<p>pnp - normally open</p> <p>1) - + brown 4) - black yellow - green 3) - - blue</p>	<p>npn - normally open</p> <p>3) - - blue 4) - black yellow - green 1) - + brown</p>	<p>pnp - normally closed</p> <p>1) - + brown 2) - black yellow - green 3) - - blue</p>
Current Rating	3A	3A	3A
Conductors	3/.34 mm <sup>2</sup>	3/.34 mm <sup>2</sup>	3/.34 mm <sup>2</sup>

### Female Connectors

xx=cable lengths; see next page

Straight	RKT/LED A 4/3-31/xx	RKT/LED C 4/3-31/xx	RKT/LED H 4/3-31/xx
Right Angle	RKWT/LED A 4/3-31/xx	RKWT/LED C 4/3-31/xx	RKWT/LED H 4/3-31/xx

## Dimensional Data



STRAIGHT FEMALE  
PLUG - WITH LED'S  
RKT/LED

RIGHT-ANGLE FEMALE  
PLUG - WITH LED'S  
RKWT/LED

## Technical Data

1. Application Class:	-40°C to +90°C	4. Electrical Data	
2. Materials:		Contact Resistance:	≤5mΩ
Molded Body:	PUR (Polyurethane), transparent	Current Rating:	3A
Contact:	Copper alloy, gold over nickel plating	Working Voltage:	10-30 VDC
Insert:	PUR (Plugs)	Insulation Resistance:	>10 <sup>9</sup> Ω
Cable:	Irradiated PVC, self-extinguishing, orange	5. Cable:*	
Coupling Nut:	Brass, nickel plated	.34mm <sup>2</sup> Conductor:	Irradiated PVC, Hi-Flex bare, 19x0.15mm copper stranding, orange jacket.
Insert:	PUR	6. Agency Approvals:	
3. Mechanical Data:		UL Recognition:	E104696
Protection:	IP68, NEMA 6P (only in fully locked position)	CSA Certified:	LR101546-1
Insertion Force (Contact):	≤ 2N .45 LBS	* Reference pages H3-H6 for additional cable specifications	
Withdrawal Force (Contact):	≥ .5N .11 LBS		
Shock:	IEC 68-2-27		
Vibration:	IEC 68-2-6		

## Cable Lengths & Options

xx - Standard cable available in 2 meter (2M), 5 meter (5M) and 10 meter (10M) lengths.

Consult factory for special cable lengths. Customer supplied cable and optional cable types can be produced. Consult Application Engineering Department with your exact requirements.