



# Pico Style Connectors

Series Types: RSM/RSMV/RKMV/RKMWV

## Pico Style Locking Connectors: PVC Cable



- PVC offers good resistance to oils and chemicals
- Universal male connector accepts locking and snap-in female plug
- Euro norm (IEC) standard color code
- Locking style M8 threads

### Order Information

Face View Female/Male		
Poles	3	4
Color Code	1 = Brown 3 = Blue 4 = Black	1 = Brown 2 = White 3 = Blue 4 = Black
Current Rating	4 A	4 A
Conductors	3/.34mm <sup>2</sup>	4/.25mm <sup>2</sup>

### Female Part Numbers

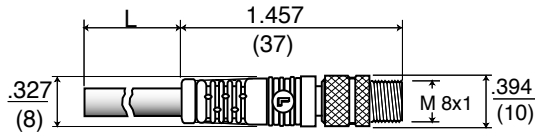
Straight	RKMV 3-06/xx	RKMV 4-07/xx
Right Angle	RKMWV 3-06/xx	RKMWV 4-07/xx
Mating Male Receptacle	RSMF 3/0.5M	RSMF 4/0.5M

### Male Part Numbers

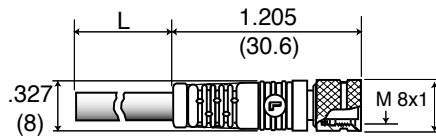
xx= cable lengths; see next page

Straight Locking	RSMV 3-06/xx	RSMV 4-07/xx
Mating Female Receptacle	RKMF 3/0.5M	RKMF 4/0.5M

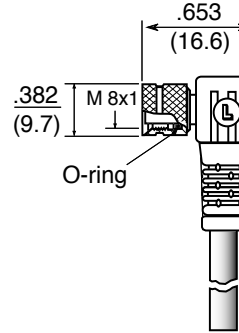
## Dimensional Data



STRAIGHT MALE LOCKING PLUG  
RSMV



STRAIGHT FEMALE LOCKING PLUG  
RKMV



RIGHT ANGLE FEMALE LOCKING PLUG  
RKMWW

## Technical Data

1. Application Class:	HNE acc. to DIN 40040 -25°C to + 90°C ≤75%rF	Dielectric Withstanding Voltage:	2 KVAC RMS/60 seconds
2. Materials:		Insulation Resistance:	>10 <sup>9</sup> Ω
Molded Body:	PUR(Polyurethane), orange	5. Cable:*	
Contact:	Solid- machined brass, gold over nickel plating	.34mm <sup>2</sup> Conductor:	PVC,Hi-Flex bare, 42x.10mm copper stranding, orange jacket.
Cable:	PVC, self-extinguishing, orange	.25mm <sup>2</sup> Conductor:	PVC,Hi-Flex bare, 32x.10mm copper stranding, orange jacket.
Coupling Nut:	Brass, nickel plated		
Insert:	PUR	* Reference pages H3-H6 for additional cable specifications	
3. Mechanical Data:			
Protection:	Locking - IP68, NEMA 6P (only in fully locked position)		
Shock:	IEC 68-2-27		
Vibration:	IEC 68-2-6		
4. Electrical Data:			
Contact Resistance:	≤5mΩ		
Current Rating:	4A		
Working Voltage:	60 VAC/RMS/75 VDC		

## Cable Lengths & Options

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