

# eco|mate overmolded

All you need for 3+PE and 6+PE applications up to 18A or 10A

## Advantages

- Color coding via coding ring or colored backshell
- Complete solution out of one hand
- IP65/IP67
- Short overmold design
- 6+PE version according DIN9648-1 connection for signal transmission within cabins of agriculture applications and tractors.
- Proven system across all applications within market segments starting from factory automation, lighting, measurement and control ... up to agricultural and new engeries
- ...



## Technical Data

General Information	Norm	Value
Number of contacts	8	3+PE   6+PE
Pullution degree	IEC 60664-1	3
Installation (overvoltage) category	IEC 60664-1	III
Materialgroup	IEC 60644-1	II
Rated insulation voltage	IEC 60644-1	6000V   4000V
Current carrying capacity	IEC 60512-5-2	18 A / + 40°C   10 A / +40°C
Insulation resitance	IEC 60512-3-1	$\geq 10^8 \Omega$
Contact resitance	IEC 60512-2-1	$\leq 5 \text{ m } \Omega$
IP protection class	IEC 60529	IP 65 / IP 67

Partnumber	Description
CA016 1A013 015 12	3+PE Male cable connector with 1,5m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1A013 030 12	3+PE Male cable connector with 3,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1A013 050 12	3+PE Male cable connector with 5,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1B013 015 12	3+PE Female cable connector with 1,5m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1B013 030 12	3+PE Female cable connector with 3,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1B013 050 12	3+PE Female cable connector with 5,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1A026 015 12	6+PE Male cable connector with 1,5m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1A026 030 12	6+PE Male cable connector with 3,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1A026 050 12	6+PE Male cable connector with 5,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1B026 015 12	6+PE Female cable connector with 1,5m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1B026 030 12	6+PE Female cable connector with 3,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end
CA016 1B026 050 12	6+PE Female cable connector with 5,0m cable (PUR cable, 2.5 mm <sup>2</sup> wire) and open end

Partnumber	Description
<b>colored coding ring</b>	
C016 G36 042 E10	Blue coding ring
C016 G36 043 E10	Red coding ring
C016 G36 044 E10	White coding ring
C016 G36 045 E10	Green coding ring
C016 G36 046 E10	Yellow coding ring
C016 G36 048 E10	Orange coding ring
C016 G36 060 E10	Violet coding ring

### Customized solution on request

#### General Information

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