

## Robots-Set ECBPMi

ROB-SET ECBPMi OMRON

Part no...:10.03.01.00605

<https://www.schmalz.com/10.03.01.00605>

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ECBPMi > ROB-SET ECBPMi OMRON

### Complete set for connecting and integrating the CobotPump ECBPMi to lightweight robots



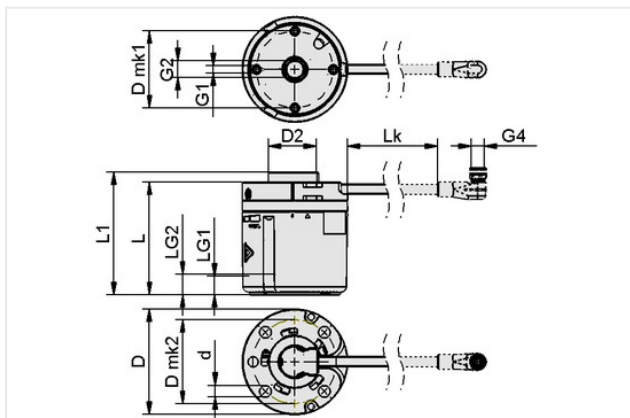
for: OMRON

contains: Suction cup

and: Screws

Degree of evacuation: 60 %

### Design Data



| Attribute | Value     |
|-----------|-----------|
| Lk        | 150.50 mm |
| D         | 63 mm     |
| D2        | 31.50 mm  |
| D mk1     | 46 mm     |
| D mk2     | 50 mm     |
| G1        | M4-F      |
| G2        | G1/4"-F   |
| G4        | M8-M      |
| L         | 67.40 mm  |
| L1        | 73.40 mm  |
| LG1       | 6 mm      |
| LG2       | 11.50 mm  |

### Technical Data

| Attribute             | Value                |
|-----------------------|----------------------|
| Suction rate (max.)   | 1.60 l/min           |
| Degree of evacuation  | 60 %                 |
| Voltage DC            | 24V - DC             |
| Rated power           | 7.20 W               |
| Rated current         | 0.30 A               |
| Electrical connection | Elbow con M8, 8 pole |

### Contact Schmalz

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|                       |               |
|-----------------------|---------------|
| Operating temperature | 0 ... 40 °C   |
| Protection type IP    | IP 40         |
| for                   | OMRON         |
| Product family        | ROB-SET-ECBPM |

### Accessories



#### SLG FSGA 2 102x57

Part no.:10.01.10.14043

Length L: 102 mm

Width B: 57 mm

Height H: 57 mm

Suction cup typ: FSGA

Number of suction cells: 2



#### SLG FSGA 3 102x102

Part no.:10.01.10.14042

Length L: 102 mm

Width B: 102 mm

Height H: 57 mm

Suction cup typ: FSGA

Number of suction cells: 3

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### SLG FSGA 4 102x75.3

Part no...:10.01.10.14041

Length L: 102 mm

Width B: 75.3 mm

Height H: 57 mm

Suction cup typ: FSGA

Number of suction cells: 4

## Spare parts



### ECBPMi 24V-DC FK

Part no...:10.03.01.00500

Voltage DC: 24V - DC

Rated current: 0.3 A

Electrical connection: Spring contact

Operating temperature: 0 ... 40 °C

Suction rate (max.): 1.6 l/min

Rated power: 7.2 W



### SPB1 30 ED-65 G1/4-AG

Part no...:10.01.06.04530

Size: 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Thread G1: G1/4"-M

Number of folds: 1.5

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### SFF 20 SI-55 G1/4-AG

Part no...:10.01.01.14621

Size: 20

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

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