

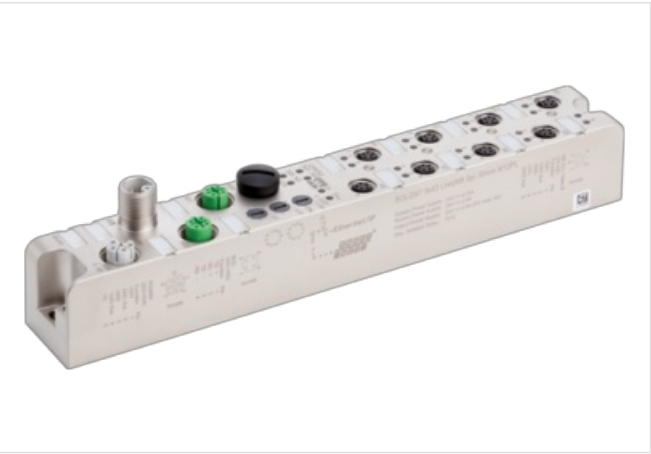
SOLID67 IOL8(M8 5P) 30mm M12L 5P

SOLID67 Multiprotocol Profinet or EthernetIP

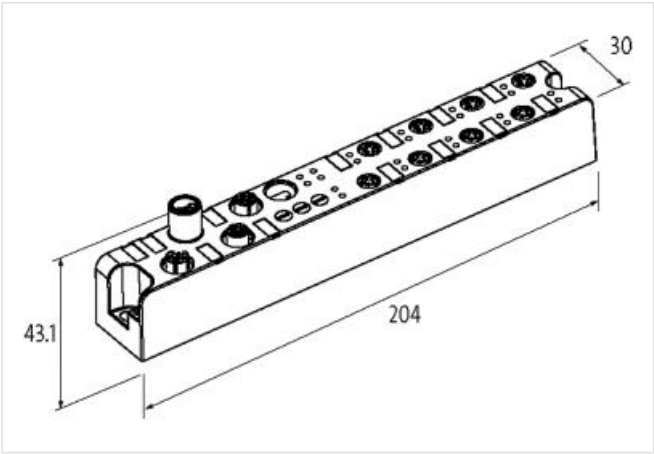
IOL8  
M12 Power, 5-pole, L-coded  
M8, 5-pole, B-coded  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

Link to Product

Illustration



Product may differ from Image



Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27242604      |
| ECLASS-6.1            | 27242604      |
| ECLASS-7.0            | 27242604      |
| ECLASS-8.0            | 27242604      |
| ECLASS-9.0            | 27242604      |
| ECLASS-10.1           | 27242604      |
| ECLASS-11.1           | 27242604      |
| ECLASS-12.0           | 27242604      |
| ETIM-5.0              | EC001599      |
| customs tariff number | 85389099      |
| GTIN                  | 4048879727907 |
| Packaging unit        | 1             |

Electrical data | Supply

|                         |            |
|-------------------------|------------|
| Norm operating voltage  | EN 61131-2 |
| Operating voltage US DC | 24 V       |
| Operating voltage UA DC | 24 V       |
| Total current UA max.   | 9 A        |
| Total current US max.   | 9 A        |

Electrical data | Input

|                                                   |                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------|
| Overload resistant                                | yes                                                             |
| Short-circuit protected                           | yes                                                             |
| Type input                                        | PNP, for 3-wire sensors or mechanical switches, IO-Link Devices |
| Current carrying capacity max.                    | 0,5 A                                                           |
| <b>Electrical data   Output</b>                   |                                                                 |
| Overload resistant                                | yes                                                             |
| Short-circuit protected                           | yes                                                             |
| Output current per pin max.                       | 0,5 A                                                           |
| Total current output max.                         | 9 A                                                             |
| <b>Industrial communication</b>                   |                                                                 |
| Supported protocol                                | PROFINET                                                        |
| <b>Industrial communication   Ethernet/IP</b>     |                                                                 |
| DLR (Device Level Ring)                           | yes                                                             |
| EtherNet/IP addressing                            | BOOTP, DHCP, Rotary switch                                      |
| <b>Industrial communication   Profinet</b>        |                                                                 |
| Number of active connections (IO controller) max. | 2                                                               |
| IRT (network communication)                       | yes                                                             |
| MRP client                                        | yes                                                             |
| PROFINET Netload Class                            | II                                                              |
| PROFINET addressing                               | DCP                                                             |
| PROFINET conformance class                        | C                                                               |
| PROFINET specification                            | V2.3                                                            |
| Shared device/input                               | yes                                                             |
| <b>Industrial communication   IO-Link</b>         |                                                                 |
| Automatic baudrate detection                      | yes                                                             |
| IO-Link process data length output                | 32 Bytes                                                        |
| IO-Link process data length input                 | 32 Bytes                                                        |
| IO-Link revision ID                               | V1.1                                                            |
| IO-Link type                                      | 8x Master                                                       |
| IO-Link transmission rate                         | COM1, COM2, COM3                                                |
| Port Class                                        | A, B                                                            |
| <b>Diagnostics</b>                                |                                                                 |
| Actuator warning                                  | via LED and BUS                                                 |
| Diagnostic via BUS                                | per module and channel                                          |
| Diagnostic via LED                                | per module and channel                                          |
| IO-Link events                                    | No voltage, Undervoltage supply                                 |
| Short circuit diagnosis                           | yes                                                             |
| LED display                                       | Ethernet connection/data traffic                                |
| Cable break                                       | per port                                                        |
| Overload diagnosis                                | yes                                                             |
| <b>Device protection   Electrical</b>             |                                                                 |
| Degree of protection (EN IEC 60529)               | IP67                                                            |
| Galvanic separation (operating voltage)           | yes                                                             |
| <b>Mechanical data   Mounting data</b>            |                                                                 |
| Suitable for mounting type                        | 2-hole screw mounting                                           |
| Height                                            | 43,1 mm                                                         |
| Width                                             | 30 mm                                                           |
| Depth                                             | 204 mm                                                          |
| <b>Environmental characteristics   Climatic</b>   |                                                                 |
| Operating temperature min.                        | -20 °C                                                          |

Operating temperature max. 70 °C

| Connection type 5        |              |
|--------------------------|--------------|
| Connection type 1        | X01, X02     |
| Connection type 2        | X03          |
| Connection type 3        | X04          |
| Connection type 4        | X1-X4        |
| Connection type 5        | X5-X8        |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | green        |
| Coding                   | D            |
| No. of poles             | 4            |
| PIN 1                    | TD +         |
| PIN 2                    | RD +         |
| PIN 3                    | TD -         |
| PIN 4                    | RD -         |
| Family construction form | M12          |
| Gender                   | male         |
| Color contact carrier    | gray         |
| Coding                   | L            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | 0 V (UA)     |
| PIN 3                    | 0 V (US)     |
| PIN 4                    | 24 V DC (UA) |
| PIN 5                    | FE           |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | gray         |
| Coding                   | L            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | 0 V (UA)     |
| PIN 3                    | 0 V (US)     |
| PIN 4                    | 24 V DC (UA) |
| PIN 5                    | FE           |
| Family construction form | M8           |
| Gender                   | female       |
| Color contact carrier    | black        |
| Coding                   | B            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC      |
| PIN 2                    | DI           |
| PIN 3                    | 0 V          |
| PIN 4                    | SIO / IOL    |
| PIN 5                    | n.c.         |
| Family construction form | M8           |
| Gender                   | female       |
| Color contact carrier    | black        |
| Coding                   | B            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC      |
| PIN 2                    | 24 V DC UA   |
| PIN 3                    | 0 V          |

|       |           |
|-------|-----------|
| PIN 4 | SIO / IOL |
| PIN 5 | 0 V UA    |