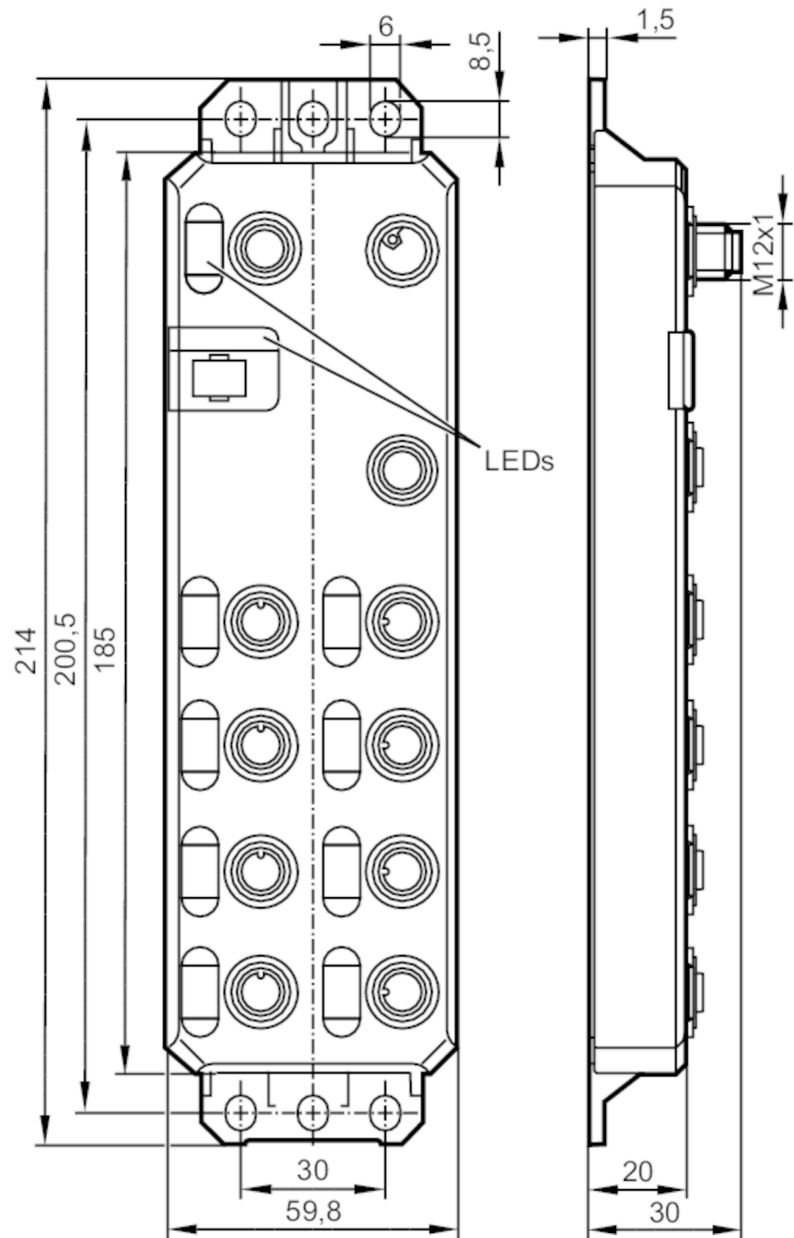


# AL200S



## Modul IO-Link PROFIsafe

PROFIsafe IOL Device 8P IP67



### Aplikasi

|          |                                                                                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Desain   | hanya untuk dioperasikan dengan master IO-Link AL140x, AL1304 hingga AL1307 dan Siemens PLCs S7-1200 dan S7-1500 (kecuali Software Controller dan Open Controller) |
| Aplikasi | Modul I/O untuk aplikasi lapangan                                                                                                                                  |

### Data kelistrikan

|                                                  |                                         |
|--------------------------------------------------|-----------------------------------------|
| Tegangan pengoperasian [V]                       | 19.2...30.2 DC; (US ; sesuai SELV/PELV) |
| Konsumsi arus [mA]                               | 67; (US)                                |
| Kelas perlindungan                               | III                                     |
| Suplai tegangan tambahan [V]                     | 19.2...30.2 DC; (UA)                    |
| Konsumsi arus maksimal dari suplai tambahan [mA] | 34; (UA)                                |



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|                                              |                             |                    |
|----------------------------------------------|-----------------------------|--------------------|
| Suplai aktuator UA                           |                             |                    |
| Total beban arus maks.                       | [A]                         | 6                  |
| Peringkat arus per port                      | [A]                         | 2                  |
| Input/output                                 |                             |                    |
| Jumlah total input dan output                |                             | 12                 |
| Input                                        |                             |                    |
| Jumlah total input                           |                             | 8                  |
| Level peralihan tinggi                       | [V]                         | 11...30            |
| Level peralihan rendah                       | [V]                         | -30...5            |
| Input digital terlindung dari hubung singkat |                             | ya                 |
| Output                                       |                             |                    |
| Jumlah total output                          |                             | 4                  |
| Tahan dari hubung singkat                    |                             | ya                 |
| Interface                                    |                             |                    |
| Interface komunikasi                         |                             | IO-Link            |
| DeviceID yang didukung                       | <b>Tipe operasi</b>         | <b>DeviceID</b>    |
|                                              | default                     | 1312               |
| IO-Link Device                               |                             |                    |
| Tipe transmisi                               |                             | COM3 (230,4 kBaud) |
| Revisi O-Link                                |                             | 1.1                |
| Standar SDCI                                 |                             | IEC 61131-9        |
| Mode SIO                                     |                             | tidak              |
| Kondisi pengoperasian                        |                             |                    |
| Suhu sekitar                                 | [°C]                        | -25...60           |
| Suhu penyimpanan                             | [°C]                        | -40...85           |
| Kelembapan udara relatif maks.               | [%]                         | 75                 |
| Perlindungan                                 |                             | IP 65; IP 67       |
| Pengujian/persetujuan                        |                             |                    |
| EME                                          | EN 61000-6-2                |                    |
|                                              | EN 61000-4-2 ESD            | 6 kV CD / 8 kV AD  |
|                                              | EN 61000-4-3 HF dipancarkan | 10 V/m             |
|                                              | EN 61000-4-4 Burst          | 2 kV               |
|                                              | EN 61000-4-5 Surge          |                    |
|                                              | EN 61000-4-6 HF dihantarkan |                    |
| Tahan guncangan                              | DIN EN 60068-2-27           |                    |
| Ketahanan terhadap getaran                   | DIN EN 60068-2-64 2009-04   |                    |
|                                              | DIN EN 60068-2-6 2008-10    |                    |
| Klasifikasi keamanan                         |                             |                    |
| Waktu misi TM                                | [h]                         | 175200             |
| Waktu misi TM (indikasi tambahan)            |                             | 20 tahun           |



## Modul IO-Link PROFIsafe

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| Satu saluran         |       |                  |
|----------------------|-------|------------------|
| Memenuhi persyaratan |       | ISO 13849-1 PL d |
|                      |       | IEC 61508 SIL 2  |
|                      |       | IEC 62061 SIL 2  |
| PFH                  | [1/h] | 1E-08            |
| PFD                  | [1/h] | 1E-04            |

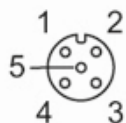
| Saluran ganda        |       |                  |
|----------------------|-------|------------------|
| Memenuhi persyaratan |       | ISO 13849-1 PL e |
|                      |       | IEC 61508 SIL 3  |
|                      |       | IEC 62061 SIL 3  |
| PFH                  | [1/h] | 1E-09            |
| PFD                  | [1/h] | 1E-05            |

| Data teknis |     |                                            |
|-------------|-----|--------------------------------------------|
| Berat       | [g] | 408.3                                      |
| Material    |     | casing: PA; soket: kuningan berlapis nikel |

| Keterangan   |  |                                                                                                    |
|--------------|--|----------------------------------------------------------------------------------------------------|
| Keterangan   |  | Klasifikasi keamanan tergantung pada parameterisasi dan perkabelan (lihat petunjuk pengoperasian). |
| Jumlah paket |  | 1 buah                                                                                             |

## Koneksi listrik - Address Plug

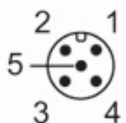
Konektor: M12; pengkodean: A



## X41

## Koneksi listrik - IO-Link

Konektor: M12; pengkodean: A



## X21

|   |             |
|---|-------------|
| 1 | + 24 V DC   |
| 2 | NC          |
| 3 | GND         |
| 4 | IO-Link C/Q |
| 5 | NC          |

## Modul IO-Link PROFIsafe

PROFIsafe IOL Device 8P IP67

## Koneksi listrik - Power IN

Konektor: M12; pengkodean: L



## X31

|   |              |
|---|--------------|
| 1 | + 24 V DC US |
| 2 | GND UA       |
| 3 | GND US       |
| 4 | + 24 V DC UA |

## Koneksi listrik - Safety Inputs

Konektor: M12; pengkodean: A

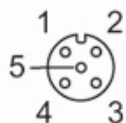


## X01...X04

|   |                   |
|---|-------------------|
| 1 | Clock Output 1 US |
| 2 | INx_CH2 US        |
| 3 | GND US            |
| 4 | INx_CH1 US        |
| 5 | Clock Output 2 US |

## Koneksi listrik - Safety Outputs

Konektor: M12; pengkodean: A



## X05...X08

|   |                 |
|---|-----------------|
| 1 | NC              |
| 2 | NC              |
| 3 | OUTx_CH2 NPN UA |
| 4 | OUTx_CH1 PNP UA |
| 5 | NC              |