

PROFIBUS

Optical networks with OLM

OLM Optical Link Module

Overview



- Construction of optical PROFIBUS networks (line, star, ring) with glass, PCF and plastic fiber optic cables
- High availability can be achieved using a redundant power supply and redundant cable routing
- Function monitoring by means of signaling contact
- All PROFIBUS data transmission rates from 9.6 kbit/s to 12 Mbit/s inclusive 45.45 kbit/s for PROFIBUS PA
- Monitoring of the fiber optic cable routes on LEDs for channel monitoring or using a voltmeter across measurement terminals

Ordering data

Order No.

PROFIBUS OLM/P11

6GK1 503-2CA00

Optical link module with 1 x RS 485 and 1 x plastic fiber-optic interface (2 BFOC sockets), with signaling contact and measuring output incl. 2 BFOC plugs for plastic fiber-optic cables

PROFIBUS OLM/P12

6GK1 503-3CA00

Optical link module with 1 x RS 485 and 2 x plastic fiber-optic interface (4 BFOC sockets), with signaling contact and measuring output incl. 4 BFOC plugs for plastic fiber-optic cables

PROFIBUS OLM/P22

6GK1 503-4CA00

Optical link module with 2 x RS 485 and 2 x plastic fiber-optic interface (4 BFOC sockets), with signaling contact and measuring output incl. 4 BFOC plugs for plastic fiber-optic cables

Ordering data (continued)

Order No.

PROFIBUS OLM/G11

6GK1 503-2CB00

Optical link module with 1 x RS 485 and 1 x glass fiber-optic interface (2 BFOC sockets), for standard distances, with signaling contact and measuring output

PROFIBUS OLM/G12

6GK1 503-3CB00

Optical link module with 1 x RS 485 and 2 x glass fiber-optic interface (4 BFOC sockets), for standard distances up to 3000 m, with signaling contact and measuring output

PROFIBUS OLM/G22

6GK1 503-4CB00

Optical link module with 2 x RS 485 and 2 x glass fiber-optic interface (4 BFOC sockets), for standard distances up to 3000 m, with signaling contact and measuring output

PROFIBUS OLM/G11-1300

6GK1 503-2CC00

Optical link module with 1 x RS 485 and 1 x glass fiber-optic interface (2 BFOC sockets), 1300 nm wavelength for large distances up to 15 km, with signaling contact and measuring output

PROFIBUS OLM/G12-1300

6GK1 503-3CC00

Optical link module with 1 x RS 485 and 2 x glass fiber-optic interface (4 BFOC sockets), 1300 nm wavelength for large distances up to 15 km, with signaling contact and measuring output

PROFIBUS OLM/G12 EEC

6GK1 503-3CD00

Optical link module with 1 x RS 485 and 2 x glass fiber-optic interface (4 BFOC sockets), for standard distances up to 3000 m, for extended temperature range -25 °C to +60 °C, with signaling contact and measuring output

PROFIBUS OLM mounting plate

6GK1 503-8AA00

For wall mounting of PROFIBUS OLM V4

SITOP compact 24 V/ 0.6 A

6EP1 331-5BA00

1-phase power supply with wide-range input 85 – 264 V AC/ 110 – 300 V DC, stabilized output voltage 24 V, rated output current value 0.6 A, slim design