



**Increasing range.
Ensuring stability.
Maximizing uptime.**

LS682 Optical Data Coupler

Reliable Communication in High-Bay Warehouses



Secure data transmission in all conditions

Optical data couplers maintain constant data rates over the entire distance of their range to provide a stable and consistently strong connection. Since this technology is optical rather than mechanical, there are no moving parts and wear is reduced. It is ideal for many applications, including high-bay storage retrieval. The dependability of the LS682 optical data coupler prevents disconnects and avoids costly downtime.

LS682 Optical Data Coupler

Reliable data transmission over a distance up to 300 m with a data rate of 100 Mbit/s

Excellent performance

- Operating range of up to 300 m is ideal for use in large warehouses
- Consistently high data rate of 100 Mbit/s ensures reliable communication
- Data transmission occurs with no minimum distance or dead band so you can save space by mounting the emitter and receiver right in front of one another

Effortless handling

- The signal strength of both devices is clearly displayed, allowing adjustment by one person
- Easy mounting and alignment save time and money at start-up

For more information on installing the optical data coupler, watch the online HowTo video for the LS682 at www.pepperl-fuchs.com/ls682



Your automation, our passion.

Explosion Protection

- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
- Remote I/O Systems
- HART Interface Solutions
- Wireless Solutions
- Level Measurement
- Purge and Pressurization Systems
- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions with Explosion Protection

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- AS-Interface
- Identification Systems
- Logic Control Units

Part-No. 277994 05/15 00

www.pepperl-fuchs.com