Optical Data Transmission

- Transmits various forms of data via modulated infrared light along line of sight
- Replaces slip rings and drag chains that are susceptible to noise and inflexibility
- Replaces Wi-Fi and RF systems with immunity from mobile devices and no attenuation from metal fixtures
- High-speed data transfer
- Low-temperature versions for cold storage use
Optical Data Transmission

Sensing Ranges

DAD15-8P Parallel data 1.5 m, 2.5 m

DAD30 RS232, RS422, Current loop 20 mA, 15 m, 30 m, 100 m

LS230-DA RS232, RS422, Current loop 20 mA, 180 m, 230 m

LS610-DA PROFIBUS, INTERBUS 120 m, 240 m

LS682-DA Ethernet 150m, 300m
Optical Data Transmission

- Position and job data transfer from stationary controllers to moving cranes
- Controlling containers on overhead monorails
- Information exchange for automated guided vehicles
- Transmitting location of transfer cars in pallet exchange