



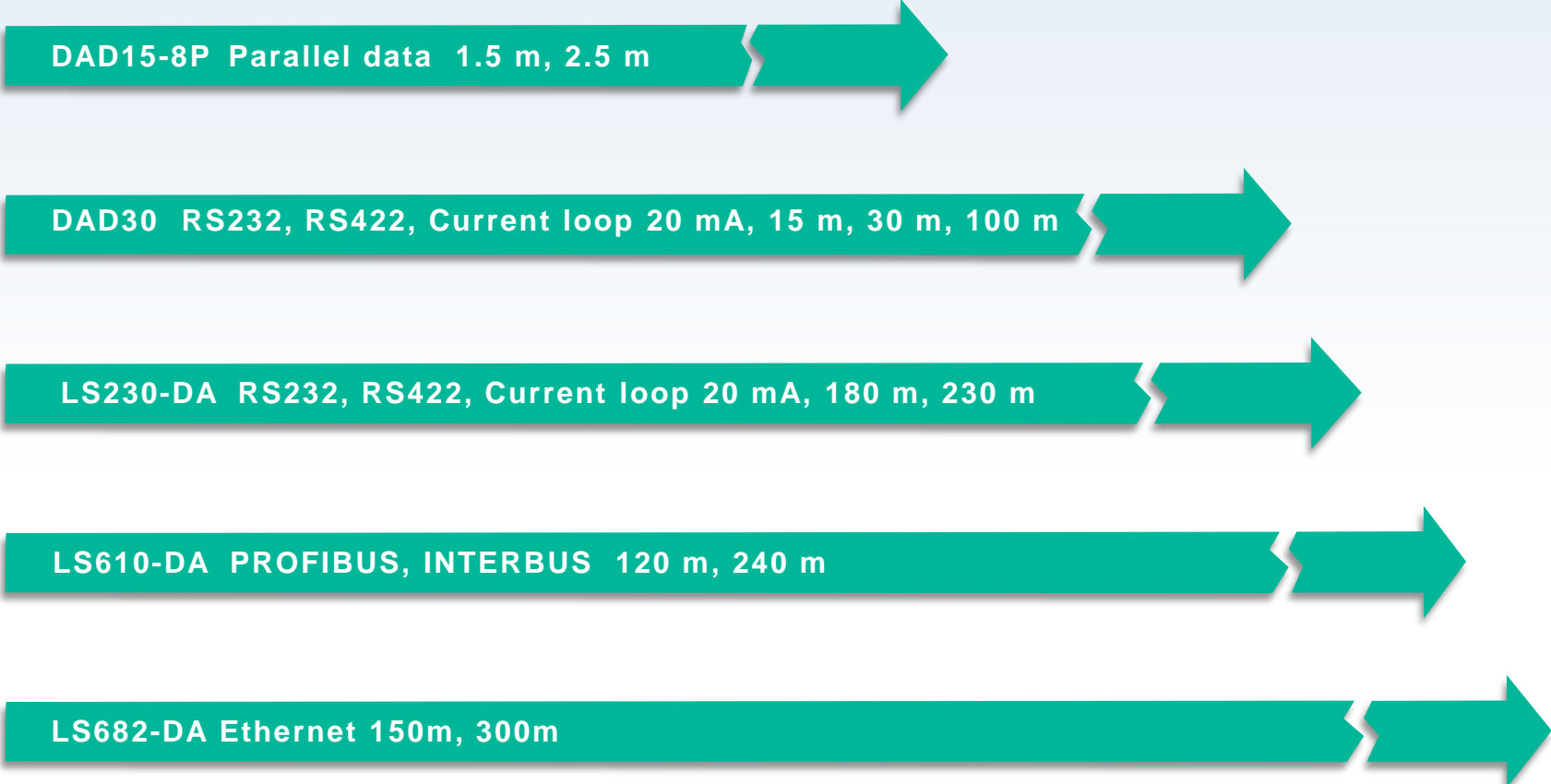
# Optical Data Transmission

- **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





# 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**

