



IO-Link

Increased IO-Link range with new repeaters!



IO-Link accessories



IO-Link range increased up to 100 m*

Series connection of max. 3 repeaters possible

Perfectly suited for use in the food industry

Easy set-up thanks to plug & play, no configuration necessary

Transparent to all certified IO-Link masters



IO-Link sensors in the field

In many installations, sensors have to be installed far away from their connection point. Since IO-Link has only a guaranteed range of 20 m, high additional costs can incur if longer ranges are required. Using the IO-Link repeater E30444, this distance can be increased*, which reduces costs significantly. To do so, the IO-Link repeaters are simply installed in series into the cable, depending on the application and the requested range.

The maximum range* depends on the type of transmission, the cable cross-section and the current consumption of the connected device. The IO-Link repeater is transparent to masters and functions manufacturer-independently on all certified IO-Link masters. SIO operation is not possible with the IO-Link repeater. The process data are delayed by up to one cycle, acyclic data are delayed by up to two cycles per repeater.



Accessories

Type	Description	Order no.
	IO-Link master StandardLine, Profinet, 4 ports	AL1100
	IO-Link master StandardLine, Profinet, 8 ports	AL1102
	IO-Link master StandardLine, EtherNet/IP, 4 ports	AL1120
	IO-Link master StandardLine, EtherNet/IP, 8 ports	AL1122

Connection technology

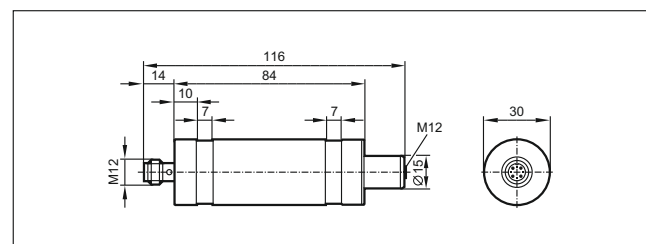
Type	Description	Order no.
	Connection cable, M12, 20 m, black, PUR cable	EVC118
	Connection cable, M12, 30 m, black, PUR cable	EVC160
	Socket, M12, 40 m, black, PUR cable	EVC759

* Details regarding the maximum range, compatibility and necessary cable cross sections can be found in the operating instructions or the data sheet of the repeater.

Technical data

IO-Link repeater	Order no. E30444
Operating voltage [V DC]	18...30
Reverse polarity protection on the master side	•
Current consumption [mA]	< 20
IO-Link device	COM1, COM2, COM3 compatible with 1.0 and 1.1 IEC 61131-9
Transmission type	–
IO-Link revision	A/B
SDCI standard	–
SIO mode	–
Requires master port class	–
Ambient temperature [°C]	-25...65
Protection	IP 68, IP 69K
Materials	high-grade stainless steel (316L/1.4404), PEI, PA fibre-reinforced, FKM

Dimensions



Wiring diagram

