



**Product information**  
**Special I/O Modules - 0942 UEM 620**  
**108053**

Name	
Special I/O Modules	
	
8 DI, 4 IO-Link IN universal (IO-Link-Master): LioN-Link I/O module with 4 I/O-Link channels, operating mode is freely selectable: Each channel can be configured universally in standard digital I/O mode (SIO mode) or in communications mode, M12 sockets (4x), 5 poles – this I/O module can only be used with BusHead 0940 PSL 602 or PROFINET BusHead 0940 ESL 601	
Delivery informations	
Availability	available
Product description	
Type	0942 UEM 620
Order No.	108053
Description	8 DI, 4 IO-Link IN universal (IO-Link-Master): LioN-Link I/O module with 4 I/O-Link channels, operating mode is freely selectable: Each channel can be configured universally in standard digital I/O mode (SIO mode) or in communications mode, M12 sockets (4x), 5 poles – this I/O module can only be used with BusHead 0940 PSL 602 or PROFINET BusHead 0940 ESL 601
Diagnostics	To facilitate troubleshooting software diagnostics for evaluation by the master is integrated as well as LED indicators for visual diagnostics. Fault diagnostics for peripheral and IO-Link faults.
Note	The instructions in the LioN-Link manual must be observed in this case. The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.
Color of housing	black
Product characteristics	Vibration resistance, Oil resistance
Classification	
Belden class	LioN-Link Special I/O Modules
Belden brand	Lumberg-Automation
Mechanical data	
Weight	175 g
Dimensions (W x H x D)	30 mm x 182.4 mm x 40.4 mm
Environmental conditions	
Environmental temperature	-10 °C ... 60 °C
Environmental temperature (explanation)	without condensation
Degree of protection (IP), mounted	IP67
Materials	
Housing material / Molded body	PBT
Approvals	
Approvals	UL
System power supply	
System power supply	U <sub>S</sub>
Nominal voltage (System power supply)	24 V DC
Voltage range DC (System power supply)	19 V ... 30 V
Power consumption (System power supply)	70 mA
Reverse polarity protection (System power supply)	Yes
Operating Indication (System power supply)	LED green
Connection (System power supply)	LioN-Link connection M12
Sensors power supply	
Sensors power supply	U <sub>S</sub>
Voltage range (Sensor power supply)	24 V DC
Sensor current (at TU30°C) (Sensor power supply)	700 mA
Short-circuit proof (Sensor power supply)	Yes
Indication (Sensor power supply)	LED green

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



**Connection (Sensor power supply)** LioN-Link connection M12

**Actuator power supply**

**Actuator power supply**  $U_L$   
**Nominal voltage (Actuator power supply)** 24 V DC  
**Voltage range (Output power supply)** 19 V ... 30 V  
**Reverse polarity protection (Output power supply)** Yes  
**Indication (Output power supply)** LED green  
**Connection (Output power supply)** M12

**IO-Link power supply**

**Nominal voltage** 24 V DC  
**Voltage range (IO-Link)** 19-30 V  
**Reverse polarity protection (IO-Link)** Yes  
**Connection (IO-Link)** M12

**Inputs**

**Input wiring** Type 3 acc. to IEC 61131-2  
**Signal type (Inputs)** Digital Inputs and IO-Link Inputs  
**Number of channels (Inputs)** 8  
**Channel type (Inputs)** N.O., p-switching  
**Nominal input voltage** 24 V DC  
**Channel status indicator (Inputs)** LED A green/yellow  
**Diagnostic indication (inputs)** LED red  
**Connection (Inputs)** M12

**Scope of delivery and accessories**

**Scope of delivery** Dust covers M12, attachable labels

**Picture**

Drawing

