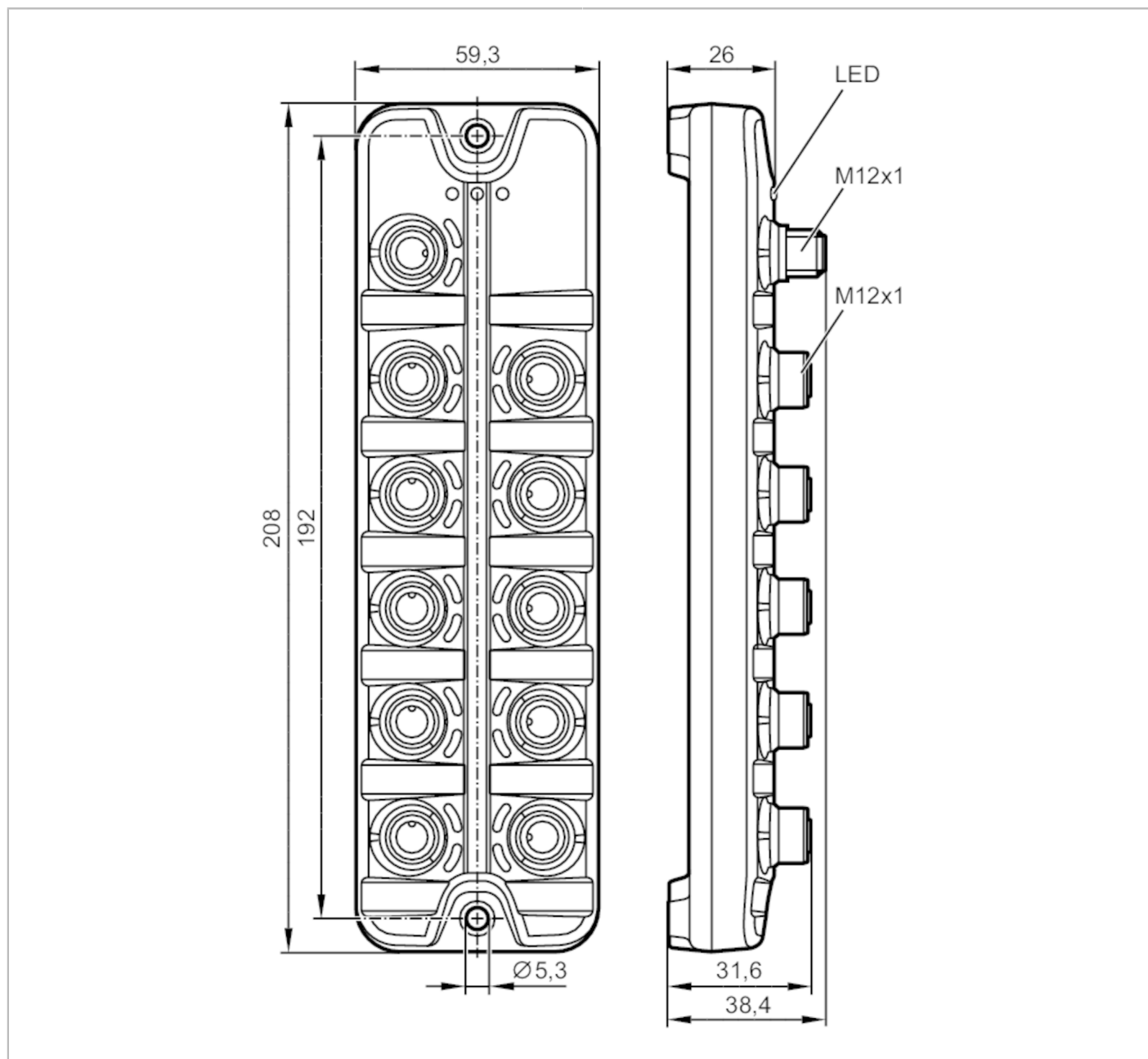


# AL2241



## IO-Link input module

IO-Link Module 10x2 DI M12 IP69K



Electrical data		
Operating voltage	[V]	18...30 DC
Current consumption	[mA]	100...1100; (US)
Protection class		III
Sensor supply US		
Current rating per port	[A]	0.1
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 20

# AL2241



## IO-Link input module

IO-Link Module 10x2 DI M12 IP69K

Inputs		
Number of digital inputs	20; (10 x 2 PNP type 2 according to IEC 61131-2)	
Sensor supply of the inputs	IO-Link	
Voltage supply [V]	16...30	
Interfaces		
Communication interface	IO-Link	
SDCI standard	IEC 61131-9	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SIO mode	no	
Required master port type	A	
Min. process cycle time [ms]	4.3	
Supported DeviceIDs	Type of operation	DeviceID
	Default	940
Operating conditions		
Ambient temperature [°C]	-25...60	
Storage temperature [°C]	-25...70	
Max. relative air humidity [%]	90	
Max. height above sea level [m]	2000	
Protection	IP 65; IP 67; IP 69K; (operation with stainless steel protective caps: IP 69K)	
Degree of soiling	2	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
	IEC 61131-9	
Shock resistance	DIN EN 60068-2-27	
Vibration resistance	DIN EN 60068-2-64	
	DIN EN 60068-2-6	
MTTF [years]	140	
Mechanical data		
Weight [g]	406	
Materials	housing: PA grey; socket: stainless steel (1.4404 / 316L)	
Sealing material	EPDM	
Displays / operating elements		
Display	operation	1 x LED, green
	fault	1 x LED, red
	function	1 x LED, yellow
Accessories		
Accessories (optional)	protective cap for M12 sockets	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - IO-Link		
Connector: 1 x M12		

# AL2241



## IO-Link input module

IO-Link Module 10x2 DI M12 IP69K

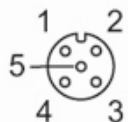


### X1

1	+ 24 V DC (US)
2	not used
3	GND (US)
4	IO-Link

### Electrical connection - Inputs

Connector: 10 x M12; Sealing: EPDM



### X1.0...X1.9

1	Sensor supply + 24 V DC (US)
2	digital input DI2
3	Sensor supply GND (US)
4	digital input DI1
5	not used