

Bus system AS-Interface

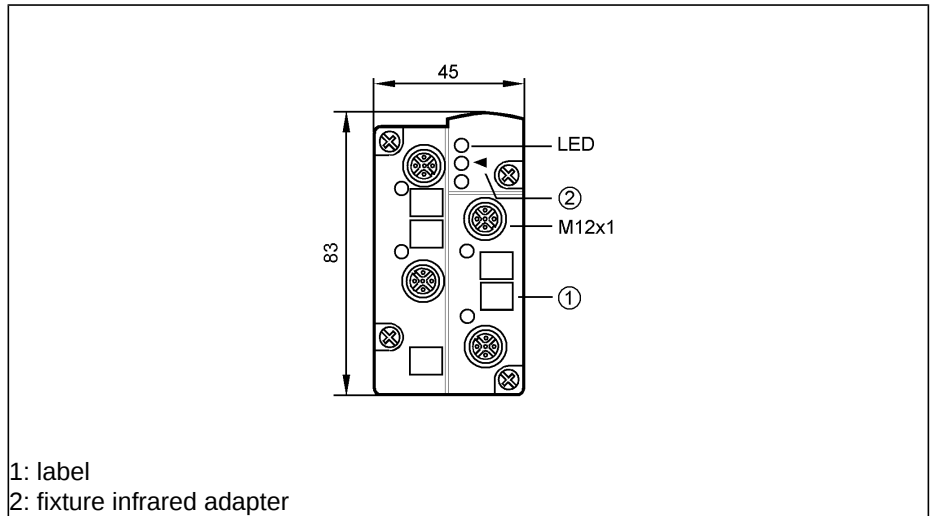
AC2505

Active ClassicLine module

AS-i interface to FC lower parts
Sockets M12 x 1

IR addressing possible
Version 2.1

Digital inputs



1: label
2: fixture infrared adapter

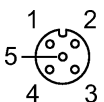
Made in Germany



Electrical design	
Operating voltage	[V]
Total current consumption from AS-i	[mA]
Inputs	
Input circuit	
Sensor supply	
Voltage range	[V]
Max. current load for all inputs total	[mA]
Short-circuit proof	
Switching level High signal 1	[V]
Input current High/Low	[mA]
AS-interface / extended addressing mode possible	

4 inputs	
Operating voltage	26.5...31.6 DC
Total current consumption from AS-i	< 240
Input circuit	DC PNP
Sensor supply	AS-i
Voltage range	18...30 DC *)
Max. current load for all inputs total	200
Short-circuit proof	yes
Switching level High signal 1	>11
Input current High/Low	>6 / <2
AS-interface / extended addressing mode possible	version 2.1 / no

AC2505

Ambient temperature	[°C]	-25...70				
Protection		IP 67				
AS-i version		2.1				
AS-i profile		S-0.0.E				
I/O configuration [Hex]		0				
ID code [Hex]		0.E				
AS-i certificate		39101				
EMC		EN 50295				
Housing materials		PBT (Pocan)				
Function display						
Operation	LED	green				
Error	LED	red				
Function	LED	yellow				
Connection		contact pins on FC or SC lower module				
Data bits		Data bit	D0	D1	D2	D3
		Input	1	2	3	4
		Socket	I-1	I-2	I-3	I-4
		Pin	2+4	2+4	2+4	2+4
Weight	[kg]	0.172				
Remarks		Do not connect any of the points I-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable. *) via flat cable				
Wiring		 <p>Inputs 1: Sensor supply L+ 2+4: (Internally linked) Data input 3: Sensor supply L-</p>				