

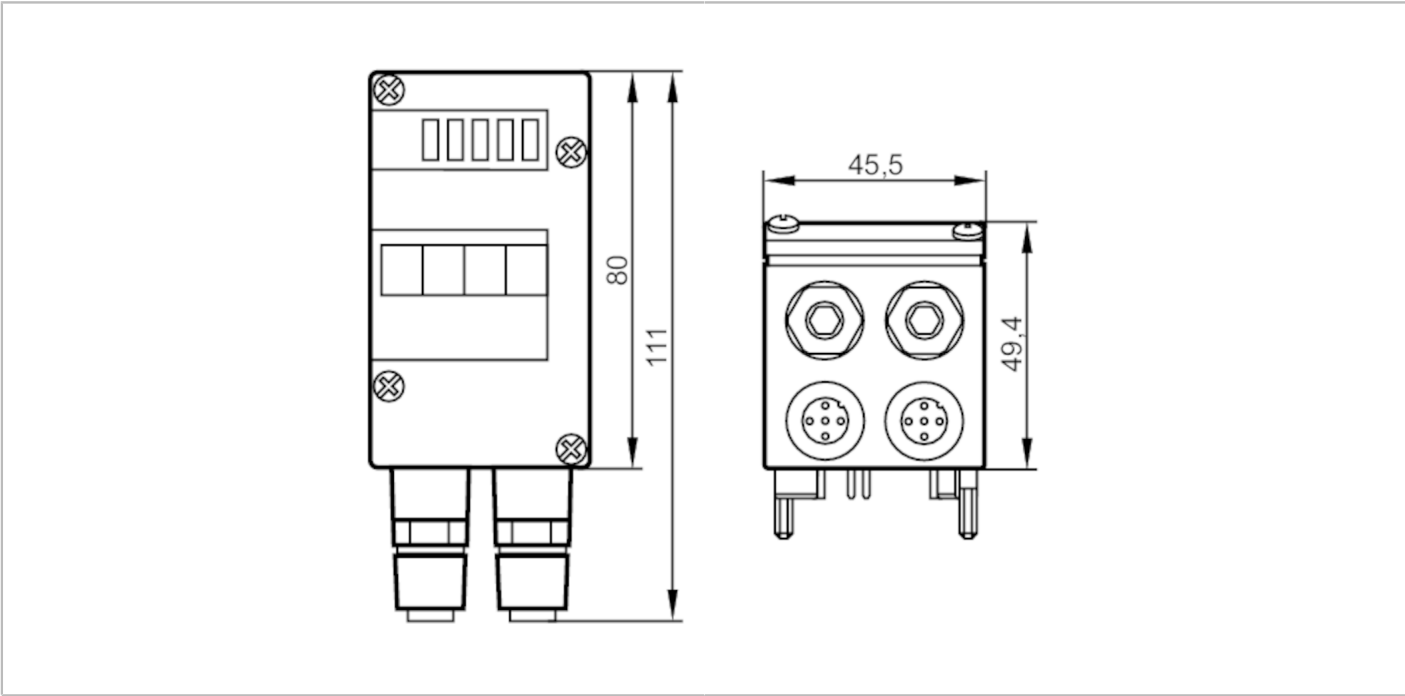


Safe AS-Interface universal module

Universal module 2SI 2xOSSD

Article no longer available - archive entry

Alternative articles: AC508S
When selecting an alternative article and accessories please note that technical data may differ!



Application		
Application	connection of electro-sensitive protective equipment (ESPE) type 4 according to EN 61496-1	
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 35
Protection class		III
Inputs		
Input circuit of digital inputs		PNP
Sensor supply of the inputs		ext. 24 V DC PELV
Power supply	[V]	20.4...28.8
Max. total current rating of inputs	[mA]	2000
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Switching level low	[V]	< 5
Digital inputs protected against short circuits		yes
Overload protection digital inputs		yes



Safe AS-Interface universal module

Universal module 2SI 2xOSSD

Outputs		
Electrical design		AS-i
Operating conditions		
Ambient temperature	[°C]	-25...55
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	95
Protection		IP 67
Tests / approvals		
EMC	EN 50295	
	IEC 62026-2	
Safety classification		
Complies with the requirements	ISO 13849-1: 2015 category 4, PL e	
	IEC 61508 SIL 3	
Mission time TM	[h]	87600
Mission time TM (additional indication)	10 years	
	calculation basis	
	Ambient temperature: 40 °C	
PFH	[1/h]	1,54E-09
Max. internal capacitance	[nF]	10
AS-i classification		
AS-i version		2.11; 3.0
Extended addressing mode		no
AS-i master profile		M3; M4
AS-i profile		S-0.B.E
AS-i I/O configuration	[hex]	0
AS-i ID code	[hex]	B.E
AS-i certificate		80002
Mechanical data		
Weight	[g]	280
Materials		PA 6
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow
Remarks		
Pack quantity		1 pcs.

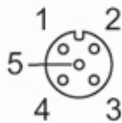


Safe AS-Interface universal module

Universal module 2SI 2xOSSD

Electrical connection - receiver

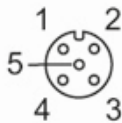
Connector: M12; coding: A



	socket 3 receiver
1	supply + 24 V DC
2	OSSD2
3	supply 0 V
4	OSSD1
5	FE

Electrical connection - transmitter

Connector: M12; coding: A



	socket 4 transmitter
1	supply +24 V DC
2	not used
3	supply 0 V
4	supply +24 V DC test
5	FE