

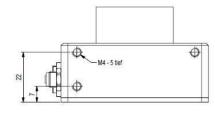
**Product - News** 

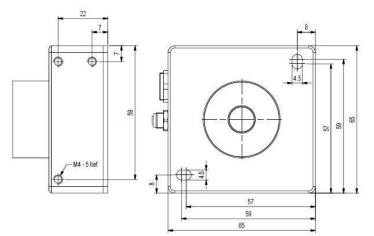
N°8 SPECTRO-1 series



## 1. SPECTRO-1 sensors with annular light emitter: SPECTRO-1-30-DIL, SPECTRO-1-30-FCL, SPECTRO-1-30-POL, SPECTRO-1-30-UV, SPECTRO-1-50-DIL, SPECTRO-1-50-FCL, SPECTRO-1-50-POL

Comparable to the SPECTRO-3 systems with an annular light emitter, the identification codes have the same meaning: -DIL (diffuse light), -FCL (focused light), -POL (polarized light), -UV (ultra violet light). The SPECTRO-1 series can be parameterized via the Windows® software **SPECTRO1-Scope V1.1**. The monitoring part of the software comes with a scope function, which allows storing sensor signals in real time. The sensor comes with a switching frequency of approximately 150 kHz, has two digital outputs (OUT0 and OUT1) and two analog outputs (ANA 0V...+10V, ANA 4mA...20mA). Furthermore the sensor is equipped with an input signal IN0 which can be used for example for external trigger tasks.







iensor Instruments GmbH rel. ++49 (0) 8544-9719-0 ttp://www.sensorinstruments.de		Sensor w.									
		SPECTRO1-Scope V1.1						Instruments			
CONNECT PARA RECORDER	TEACH SCOPE					ON THE			HE DISPLAY	[ms] C	LOSE
GET CYCLE TIME		delta X [ms 4100-	3] 2.4	37	delta Y		1367	ZOO	M 1:1		
[Hz] 16886 [ms]	059220	3800-		_							
TRIGGER MODE RISING	EDGE 🔻	3400-				-	-	-		-	-
PRE TRIGGER VALUES [064]	10	3200-		-			1				
TRIGGER LEVEL [04096]	2000	2800-				-					
SCAN RATE [160 000]	1	2600-									
SCAN BREA	K SCAN	2400- 2200- 2000-	0.1		ΛA	M					
PRINT SCOPE GRAPH		1800-	-NA/	AA.	AHA	H				-	
COMMENT (ADD TO PRINT)		1600-	144	VVV	/ V I	1 1	-				
	<u>.</u>	1400-	_								
		1000-									
		800-	_	_							
1	<u>الد</u>	600-				-	-			_	
BAM REND		400-				-		+ +		-	
EEPROM SEND	GO	200-	_								
FILE GET	STOP	0-1	13	26	38	51	64	77 8	0 102	115	128

Sensor Instruments GmbH Tel. ++49 (0) 8544-9719-0	Sensor 👾												
http://www.sensorinstruments.de		SPECTRO1-Scope V1.1							Instruments				
CONNECT PARA RECORDER	TEACH SCOPE	INFO! TIME delta X [ms]		LATION	S BASEI delta		E CYCLE 1367		N THE D		<sup>[ms]</sup> C	LOSE	
GET CYCLE TIME		4100-						_	11	-			
[Hz] 16886 [ms]	0.059220	3800- 3600-											
TRIGGER MODE RISING EDGE		3400-	_			-	-		-		-		
PRE TRIGGER VALUES [064]	20	3200- 3000-											
TRIGGER LEVEL [04096]	100	2800 -	_	_		_	_	_			_		
SCAN RATE [160 000]	1	2600-					-						
SCAN BREAK SCAN		2400- 2200- 2000-											
PRINT SCOPE GRAPH		1800-		-		_	_	-	++-			-1	
COMMENT (ADD TO PRINT)		1600-											
	<u></u>	1200-							1				
		1000-			_		-						
		800-	-		_		-						
		600-	-		_			-	-				
		400-	_			_							
EEPROM SEND	GO	200-						-	-		_		
FILE GET	STOP	0-1	13	26	38	51	64	77	90	102	115	128	