

General data	Vendor ID	1240 (0x04D8)
	Device ID	3473921(0x350201)
	IO-Link version ID	1.0
	SIO mode	Supported
	Process data	2-bit input
	Baudrate	COM2 (38.4 kBaud)
	Minimum cycle time	10 ms
	Service PDU	Not supported

Process data	Bit	Name	Description
	1	Stability alarm	Value "True" if detection is not stable (not enough margin on 20 consecutive detections)
	0	Detection state	Value "True" if object is detected

Device-specific parameter data table	Address (Index; Subindex)	Bit	Parameter name	Access	Description
	10h (1;1)	(7:6)	On-Delay time base	R/W	Time base for the on-delay timer 0=0.1ms; 1=0.4ms; 2=1.6ms; 3=6.4ms.
	10h (1;1)	(5:4)	Off-Delay time base	R/W	Time base for the on-delay timer 0=0.1ms; 1=0.4ms; 2=1.6ms; 3=6.4ms.
	10h (1;1)	(3:2)	Output 1 configuration	R/W	0=light-on detection (default); 1=dark-on detection; 2=stability alarm light-on; 3=stability alarm dark-on.
	10h (1;1)	(1:0)	Output 2 configuration	R/W	0=light-on detection; 1=dark-on detection (default); 2=stability alarm light-on; 3=stability alarm dark-on.
	11h (1;2)	(7:0)	On-Delay multiplier	R/W	Time base multiplier for on-delay timer Example: 100 with time base 2 (1.6 ms) sets delay at 160 ms.
	12h (1;3)	(7:0)	Off-Delay multiplier	R/W	Time base multiplier for off-delay timer Example: 100 with time base 2 (1.6 ms) sets stretch at 160 ms.
	13h & 14h (1;4-5)	(9:0)	Reserved	-	-
	15h (1;6)	(7:4)	Reserved	-	-
	15h (1;6)	(3:0)	Sensor mode	R/W	Sensor working mode. 1=fine (500 Hz); 2=normal (1.5 kHz); 3=fast (5 kHz).
	16h (1;7)	(1:0)	Reserved	-	-
	17h & 18h (1;8-9)	(15:0)	Detection counter	R/W	An MSB READ refreshes the LSB value. Any WRITE operation in LSB resets the counter to 0.
	19h (1;10)	(6:0)	Event flags	R/W	See table below. All flags generate a "Device Warning" in IO-Link standard "Event" byte. Writing any value will reset the flag.
	1Ah (1;11)	(7:0)	Maximum temperature	R	Maximum temperature of the sensor measured over the sensors lifetime. Real temp [°C]=(Max_Temp*115/129)-54.125
	1Bh (1;12)	(7:0)	Actual temperature	R	Actual sensor temperature. Real temp [°C]=(Act_Temp*115/129)-54.125

Events flags (subindex 10 details)	Bit	Name	Description
	6	LED regulation limit	If 1, the limit on LED regulator is reached, no additional compensation possible
	5	Disturbance on receiver	If 1, a disturbance has been detected on receiver stage
	4	Under-voltage for IO-Link	If 1, voltage under IO-Link required level has been detected
	3	Under-voltage on sensor	If 1, voltage under sensor required level has been detected
	2	Maximum temperature	If 1, new maximum temperature has been detected
	1	EMC detected	If 1, an EMC event has been detected
	0	Short circuit detection	If 1, too high of current detected causing short circuit protection to activate