

Module	Module key	Group	Group ID	Description
Sentiface	0x1XXX	Measurement	0x00	Settings such as: Sensor behavior, accuracy of detection rates, fine tuning
Sentiface	0x1XXX	Level	0x01	Number and distance of levels and hysteresis

Tables for cross-product modules (Senticom/Sentivisor) can be found in the [generic NFC and downlink documentation](#).

Further information on configuring sensor communication can be found in the respective generic [LoRaWAN®](#), [Mioty®](#) or [Cellular](#) documentation, depending on the version.

SENTIFACE: MEASUREMENT GROUP 0x00 (PP)								
Resources	Resources ID	Description	Key (NFC/BLE)	Min	Max	Default	Unit	Module Key
MEASUREMENT PERIOD	0x01	Specifies the period in which the measured values are recorded. 5000 ms means that a measurement is always taken by the sensor after 5 seconds.	mper	20	60000	5000	ms	1111
SAMPLES	0x02	ADVANCED: Setting of the sensor performance, the higher the higher the robustness and the further the measurement can be made, at the expense of increased power consumption.	samples	1	255	100		1111
SIGMA	0x03	ADVANCED: Minimum variance and standard deviation with which a target is perceived as a target. If Sigma is too small, the probability of false detections increases.	sigma	1	16383	1500		1111
SIGNAL	0x04	ADVANCED: Minimum number of photons, minimum reflectivity that must come back from the target in order to be recognized as a target.	signal	1	16383	50		1111
BUZZER	0x05	Indicates whether the beep (buzzer) is switched on: 0: Off 1: On	buzz	0	1	1		1111

SENTIFACE: MESSUNGEN GROUP 0x00 (PP)								
Resources	Resources ID	Description	Key (NFC/BLE)	Min	Max	Default	Unit	Module Key
STABLE	0x06	Describes how many measurements must be taken on a level in order to be recognized as a level. Can be used to compensate for incorrect measurements or fluctuations, e.g. when an arm reaches into a box to remove goods.	stabl	1	8	2		1111
RESIGN OF INTEREST	0x07	ADVANCED: Region of interest	roi	4	16	16		1111
STATUS PERIOD, HEARTBEAT	0x08	Status period in minutes: An uplink is sent after each expiry of the status period.	sper	10	10080	60	min	1111

SENTIFACE: LEVEL GROUP 0x01 (PP)								
Resources	Resources ID	Description	Key (NFC/BLE)	Min	Max	Default	Unit	Module Key
NUMBER OF LEVELS	0x01	Number of levels that can be defined: 1: 1 Level 2: 2 Levels 3: 3 levels 4: 4 levels	lvls	1	4	2		1111
DYNAMIC LEVEL	0x02	Describes whether alarms should also be sent when switching between levels: 1: Yes 0: Only when changing, exceeding or falling below distance level 1	dynlvl	0	1	0		1111
DISTANCE LEVEL 1	0x03	Distance to trigger level 1 status change	l1d	50	2000	400	mm	1111
DISTANCE LEVEL 2	0x04	Distance to trigger level 2 status change	l2d	50	2000	50	mm	1111
DISTANCE LEVEL 3	0x05	Distance to trigger level 3 status change	l3d	50	2000	400	mm	1111
DISTANCE LEVEL 4	0x06	Distance to trigger level 4 status change	l4d	50	2000	100	mm	1111
HYSTERESIS	0x07	Hysteresis around the threshold values to avoid oscillation during measurements in the limit range	lhyst	10	500	20		1111