Module	Module key	Group	Group ID	Description
Sentiface	0x1XXX	Timings	0x00	Defines parameters for measurements and transmission behavior
Sentiface	0x1XXX	Alarms and limit values	0x01	Defines alarms and limit values, e.g. upper temperature limit and lower temperature limit
Sentiface	0x1XXX	Tracking on Activity	0x04	Defines measurement thresholds for triggering the Tracking on Activity feature and other settings for tracking

Tables for cross-product modules (Senticom/Sentivisor) can be found in the Generic NFC and Downlink documentation.

Further information on configuring sensor communication and tracking settings can be found in the respective generic LoRaWAN® or mioty® documentation, depending on the version.

Instructions valid for versions:

ARTICLE CODE	FEATURES
S-JUNO-LOEU-TH-TRACK	JUNO TH Tracker, temperature and relative humidity with tracking function and tracking on activity LoRaWAN®
S-JUNO-IX-LOEU-TH-TRACK	INDUSTRIAL JUNO TH Tracker, temperature and relative humidity with tracking function and Tracking on Activity LoRaWAN®
S-JUNO-LOEU-TRACK	JUNO Tracker with Tracking on Activity LoRaWAN®
S-JUNO-IX-LOEU-TRACK	INDUSTRIAL JUNO Tracker with Tracking on Activity LoRaWAN®

SENTIFACE: GROUP TIMINGS 0x00								
Resources	Resource ID	Description	key (NFC/BLE)	Min	Max	Factory setting	Unit	Module key
MEASUREMENT PERIOD	0x00	Specifies the period in which the measured values are recorded. 5 minutes means that a measurement is always taken by the sensor after 5 minutes.	period	1/5*	360	30	min	1111
REGULAR TRANSMISSION INTERVAL	0x01	Number of measurements performed up to transmission.	every	1	64	6		1111

*

5: For version S-JUNO-LOEU-TH and S-JUNO-MIOTY-TH

1: For version S-JUNO-IX-LOEU-TH and S-JUNO-IX-MIOTY-TH

SENTIFACE: GROUP ALARM SETTINGS 0x01								
Resources	Resource ID	Description	key (NFC/BLE)	Min	Max	Factory setting	Unit	Module key
ALARM ACTIVE	0x00	Indicates which alarms are activated, whether for temperature or relative humidity: • 0: Both alarms deactivated • 1: Temperature alarm active • 2: Rel. humidity alarm active • 3: Both alarms active	alarm_act	0	3	1		1111
TEMPERATURE DELTA	0x01	Specifies by how much the temperature must change in absolute terms compared to the last transmission for an ALARM transmission to be triggered. This transmission is carried out independently of the normal transmission interval.	tdt	1	50	5	°C	1111
TEMPERATURE UPPER LIMIT	0x02	Specifies the upper absolute limit value at which an alarm is triggered.	tht	0	85	40	°C	1111
TEMPERATURE LOWER LIMIT	0x03	Specifies the lower absolute limit value at which an alarm is triggered.	tlt	-25	75	0	°C	1111
REL. HUMIDITY DELTA	0x04	Specifies by how much the relative humidity must change in absolute terms compared to the last transmission for an ALARM-transmission to be triggered. This	hdt	1	80	20	%RH	1111

		transmission is carried out independently of the normal transmission interval.						
REL. HUMIDITY UPPER LIMIT VALUE	0x05	Specifies the upper absolute limit value at which an alarm is triggered.	hht	5	100	80	%RH	1111
REL. HUMIDITY LOWER LIMIT VALUE	0x06	Specifies the lower absolute limit value at which an alarm is triggered.	hlt	0	95	20	%RH	1111
HYSTERESE REL. AIR FLUID	0x07	Determines the absolute hysteresis in °C for state changes. If the temperature falls below or exceeds a threshold value minus hysteresis, the system switches from a higher to a lower alarm status.	thy	5	0	30	°C	1111
HYSTERESIS TEMPERATURE	0x08	Determines the absolute hysteresis in %RH for status changes. If the relative humidity falls below or exceeds a threshold value minus hysteresis, the system switches from a higher to a lower alarm status.	hhy	2	0	10	%RH	1111

SENTIFACE: GROUP TRACKING ON ACTIVITY SETTINGS 0x01								
Resources	Resource ID	Description	key (NFC/BLE)	Min	Max	Factory setting	Unit	Module key
MOVE MODE	0x00	Indicates whether Tracking on Activity mode is activated: • 0: No Tracking on Activity feature active • 1: Tracking on Start: Localization is carried out when an activity is detected. • 2: Tracking on Ongoing: Localization is carried out during an ongoing activity. • 3: Tracking on Start and Ongoing: Localization is carried out when an activity is detected and while an activity is already running. • 4: Tracking on Inactivity: When an activity is finished, localization is carried out. • 5: Tracking on Start and Inactivity: Localization is carried out when an activity is detected and when an activity ends. • 6: Tracking on Inactivity and Ongoing: Localization	lmode	0	7	6		1111

		takes place when the activity is in progress and the activity has ended. • 7: Tracking on Start, Inactivity and Ongoing: Localization takes place when the activity starts, is in progress and the activity has ended.						
MOVE ACTIVITY THRESHOLD	0x01	Describes the acceleration from which an activity is counted and recorded as an activity.	moat	100	2000	400	mg	1111
MOVE ONGOING TIME	0x02	Specifies the time that elapses between two transmissions and localizations while an activity is ongoing.	mont	1	1440	10	min	1111
MOVE INACTIVITY TIME	0x03	Describes the time between the point at which an activity ends and the localization/transfer of the data	moit	1	1440	5	min	1111

Example downlinks:

Setting	Downlink
period = 10	00 11 11 00 00 00 00 00 0A
every = 5	00 11 11 00 01 00 00 00 05
alarm_act = 0	00 11 11 01 00 00 00 00 00