Alert Features by CGM

DEXCOM

These are the default alerts already programmed into your CGM when you first use it. They should be adjusted according to your needs at any time necessary. It is possible to set them according to different time periods (e.g. day and night). The G7 allows to turn off all alert sounds for a programmable period.

TYPE OF ALERT		COMPANY-SPECIFIC NAME	DEXCOM G7	DEXCOM G6	
				Receptor or smartphone	Tandem pump
Alerts when blood sugar is falling or low	VARIATION RATE	Falling fast (Dexcom) Fall (Tandem; G6)	Off, possible to set a fall rate	Off	The default value is Off (0.11 mmol/min or 0.17 mmol/min)
	PREDICTION	Urgent Low Soon	20 minutes before reaching the 3.1 threshold or below The default value is On; can be deactivated. Repetition available		-
	THRESHOLD	Low Glucose Alert	Set at 3.9 mmol/L. Can be changed.	Set at 4.4 mmol/L	Default value is 4.4 mmol/L Set from 3.3 to 5.5 mmol/L Can be deactivated.
	REPEAT	Low Repeat	Off		The default value is Off (to set according to thresholds)
URGENT LOW ALERT			Always on Threshold set at 3.1 mmol/L, non-modifiable		
Alerts when blood sugar is rising or high	VARIATION RATE	Rising Fast (Dexcom) Rise (Tandem ; G6)	Off, possible to set a rise rate	Off	The default value is Off (0.11 mmol/min or 0.17 mmol/min)
	THRESHOLD	High Glucose Alert	Set at 14.0 mmol/L, can be changed and delayed	Set at 11.1 mmol/L	Default value is 11.1mmol/L Can be set from 6.7 to 22.2 mmol/L or deactivated.
	REPEAT	High Repeat	Off		The default value is Off (to set according to thresholds)
OTHER		Signal Loss	Set at 20 minutes		

Medtronic

You will have to program the alerts the first time you use your CGM.
Then they can be changed at any time.

TYPE OF ALERTE		COMPANY-SPECIFIC NAME	Guardian Connect	Guardian 3	Guardian 4
Alerts when blood sugar is falling or low	PREDICTION	Alert before low	Set “Yes” or “No” Customizable from 10 to 60 min (5-minute increments)	Set “Yes” or “No” 30 minutes before reaching the threshold, non-modifiable. It is recommended not to activate it since the pump automatically adjusts the basal rate.	
	THRESHOLD	Alert on low	Set “Yes” or “No” Threshold between 2.8 and 5 mmol/L		
	REPEAT	Low snooze	Set “Yes” or “No” Customizable from 5 min to 1 hour (5-min increments) Recommended: 30 min		
HYPO ALARM Always on, non-modifiable			Threshold set at 2.8 mmol/L		Threshold set at 3.0 mmol/L
Alerts when blood sugar is increasing or high	VARIATION RATE	Rise Alert	Set “Yes” or “No” Customizable according to trend arrows or from 0.050 mmol/L/min to 0.275mmol/L/min (increment of 0.005) It is recommended not to activate it		
	PREDICTION	Alert before high	Set “Yes” or “No” Customizable from 10 to 60 min (5-minute increments)	Set “Yes” or “No” Customizable from 5 to 30 min (5-minute increments)	
	THRESHOLD	High alert	Set “Yes” or “No” Threshold between 5.6 and 22.2 mmol/L (increment of 0.2)		
	REPEAT	High snooze	Set “Yes” or “No” Customizable from 5 min to 3 hours (5-min increments)		Set at 13.9 mmol/L for 3 hours, non-modifiable.
OTHERS		Signal Loss	Always on		
		End of sensor life			

ABBOTT

These are the default alerts already programmed into your Flash system when you first use it.
They should be adjusted according to your needs at any time necessary.

TYPE OF ALERT		Company-specific name	FREESTYLE LIBRE 2 FREESTYLE LIBRE 3 PLUS
Alert when blood sugar is low	THRESHOLD	Low glucose alarm	Set “Yes” or “No” The default value is 3,9 mmol/L Threshold between 3,5 and 5,5 mmol/L (FSL 2) Threshold between 3,3 and 5,6 mmol/L (FSL 2)
Alerts when blood sugar is high	THRESHOLD	High glucose alarm	Set “Yes” or “No” The default value is 13,3 mmol/L Threshold between 6,7 and 22,2 mmol/L
Other		Signal loss alarm	Activates automatically if another alarm is activated. Triggers when signal is lost for 20 minutes.