

Device Type		
P	* Device Type ID	SurrogateKey
U	Device Type	DeviceType
🔑 Device Type PK (Device Type ID)		
🔗 Device Type UK (Device Type)		

Device		
P	* Device ID	SurrogateKey
	Device Name	VARCHAR (255)
	Device Abbreviation	VARCHAR (10)
🔑 Device PK (Device ID)		
🔗 Device UK ()		

Measurement		
P	* Measurement ID	SurrogateKey
	Measurement Name	VARCHAR (255)
	CAN ID	NUMERIC
F	Device ID	SurrogateKey
F	Device Type ID	SurrogateKey
	Reporting Frequency	NUMERIC
🔑 Measurement PK (Measurement ID)		

Measurement Data		
P	* Measurement Data ID	SurrogateKey
	Data Point CAN ID	NUMERIC
	CAN ID	NUMERIC
	Timestamp	Datetime
	Extended	Boolean (1)
	RTR	Boolean (1)
	Data Length	NUMERIC
	Value	FLOAT
F	Measurement Type ID	SurrogateKey
🔑 Measurement Data PK (Measurement Data ID)		

Long Term Trend Data		
P	* Long Term Trend Data ID	SurrogateKey
	Data Point CAN ID	NUMERIC
	Timestamp	Datetime
	Extended	Boolean (1)
	RTR	Boolean (1)
	Data Length	NUMERIC
	Value	FLOAT
F	Measurement Type ID	SurrogateKey
🔑 Long Term Trend Data PK (Long Term Trend Data ID)		

Measurement Type		
P	* Measurement Type ID	SurrogateKey
	Measurement Type	MeasurementType
	Low Error Threshold	FLOAT
	Low Warning Threshold	FLOAT
	High Error Threshold	FLOAT
	High Warning Threshold	FLOAT
	Reporting Frequency	NUMERIC
🔑 Measurement Type PK (Measurement Type ID)		

Medium Term Trend Data		
P	* Medium Term Trend Data ID	SurrogateKey
	Data Point CAN ID	NUMERIC
	Timestamp	Datetime
	Extended	Boolean (1)
	RTR	Boolean (1)
	Data Length	NUMERIC
	Value	FLOAT
F	Measurement Type ID	SurrogateKey
🔑 Medium Term Trend Data PK (Medium Term Trend Data ID)		

Short Term Trend Data		
P	* Short Term Trend Data ID	SurrogateKey
	Data Point CAN ID	NUMERIC
	Timestamp	Datetime
	Extended	Boolean (1)
	RTR	Boolean (1)
	Data Length	NUMERIC
	Value	FLOAT
F	Measurement Type ID	SurrogateKey
🔑 Short Term Trend Data PK (Short Term Trend Data ID)		