

Faults, Cause and Remedy

Fault	Cause	Remedy
Not possible to switch on the device	Discharge the power pack	Charge the power pack, page 43.
	Discharge the alkaline batteries	Insert new alkaline batteries, page 42.
Not possible to switch off the device	The device is not set to measuring mode	Select measuring mode.
	The device is configured to "Disable prohibited"	Configure the device to "Disable allowed" with "CC Vision".
Display » --- «	Measuring range calibrated incorrectly	Recalibrate the measuring range, page 35.
	Electronics or sensors defective	Must be repaired by Dräger-Service.

To display the numerical codes of the warning and fault messages in the info mode, see page 14.

Warning messages

Special symbol » ⓘ « and displayed numerical code:	Cause	Remedy
151	Service life of device about to elapse	Procure follow-on device.
152	Customer's service life counter about to elapse	Reset the service life counter using "CC Vision".
153	Data base 90% full	Read the data base soon and clear memory afterwards.
154	Data base full	Read the data base and clear memory.
155	Interval for the function test with gas (bump test) elapsed	Carry out the function test, page 29.
159	Calibration not possible. The menu function cannot be carried out because of a message which is preventing the function (e.g. sensors in warm-up phase).	Determine the message code via the info menu and switch it off, if necessary.
251	DrägerSensor CatEx 125 PR in warm-up phase	Wait until warm-up time is complete.
252	DrägerSensor CatEx 125 PR in warm-up phase	Wait until warm-up time is complete.

Special symbol » ⓘ « and displayed numerical code:	Cause	Remedy
253	Ex concentration has drifted into the negative range	Carry out the fresh air calibration, page 36.
254	The temperature is too high	Operate the device within the allowed temperature range.
255	The temperature is too low	Operate the device within the allowed temperature range.
256	The calibration interval for DrägerSensor CatEx 125 PR has elapsed	Carry out the span calibration for DrägerSensor CatEx 125 PR, page 40.
257	Alarm setpoint A2 setting is greater than 60 %LEL	Set alarm setpoint to less than 60 % LEL.
351	DrägerSensor XXS O ₂ in the warm-up phase	Wait until warm-up time is complete.
352	DrägerSensor XXS O ₂ in the warm-up phase	Wait until warm-up time is complete.
353	O ₂ concentration drifted into the negative range	Fresh air calibration required, page 36.
354	The temperature is too high	Operate the device within the allowed temperature range.
355	The temperature is too low	Operate the device within the allowed temperature range.
356	The calibration interval for DrägerSensor XXS O ₂ has elapsed	Carry out the span calibration for DrägerSensor XXS O ₂ , page 40.
451	DrägerSensor XXS H ₂ S in the warm-up phase	Wait until warm-up time is complete.
452	DrägerSensor XXS H ₂ S in the warm-up phase	Wait until warm-up time is complete.
453	H ₂ S concentration has drifted into the negative range	Carry out the fresh air calibration, page 36.
454	The temperature is too high	Operate the device within the allowed temperature range.
455	The temperature is too low	Operate the device within the allowed temperature range.
456	The calibration interval for DrägerSensor XXS H ₂ S has elapsed	Carry out the span calibration for DrägerSensor XXS H ₂ S, page 40.
551	DrägerSensor XXS CO in the warm-up phase	Wait until warm-up time is complete.

Special symbol » ☐ « and displayed numerical code:	Cause	Remedy
552	DrägerSensor XXS CO in the warm-up phase	Wait until warm-up time is complete.
553	CO concentration has drifted into the negative range	Carry out the fresh air calibration, page 36.
554	The temperature is too high	Operate the device within the allowed temperature range.
555	The temperature is too low	Operate the device within the allowed temperature range.
556	The calibration interval for DrägerSensor XXS CO has elapsed	Carry out the span calibration for DrägerSensor XXS CO, page 40.

Fault messages

Special symbol » ☒ « and displayed numerical code:	Cause	Remedy
101	The service life of the device has elapsed	Return the device to Dräger Safety to be disposed.
102	The customer's service life counter has elapsed	Reset the service life counter using "CC Vision".
103	The device is defective	The device must be repaired by DrägerService.
104	Check sum error program code	The device must be repaired by DrägerService.
105	Update error	The device must be repaired by DrägerService.
106	Check sum error data	Reconfigure the device with "CC Vision", otherwise return device to DrägerService.
107	The device is defective	The device must be repaired by DrägerService.
108	The data base is defective	Execute the menu function again; otherwise the device must be repaired by DrägerService.
109	The menu function cannot be carried out because of an error.	Determine the error code via the info menu and switch it off, if necessary.
201	The zero point calibration of the DrägerSensor CatEx 125 PR is not valid	Carry out the fresh air calibration, page 36.

Special symbol » ☒ « and displayed numerical code:	Cause	Remedy
202	The span calibration of the DrägerSensor CatEx 125 PR is not valid	Carry out the span calibration, page 38 or page 40.
203	The measurement value of the DrägerSensor CatEx 125 PR is in the negative range	Carry out the fresh air calibration, page 36.
204	The DrägerSensor CatEx 125 PR is not inserted	Check the DrägerSensor CatEx 125 PR, page 46.
205	Error during the function test with gas (bump test) of the DrägerSensor CatEx 125 PR	Repeat the function test, calibrate or replace the DrägerSensor CatEx 125 PR, if necessary, page 46.
206	Function not possible: O ₂ deficiency	Use DrägerSensor CatEx 125 PR in atmospheres with more than 10.0 % O ₂ by vol..
301	The zero point calibration of DrägerSensor XXS O ₂ is not valid	Carry out the fresh air calibration, page 36.
302	The span calibration of the DrägerSensor XXS O ₂ is not valid	Carry out the span calibration, page 40 or carry out the fresh air calibration, page 36.
303	O ₂ concentration drifted into the negative range	Fresh air calibration required, page 36.
304	The DrägerSensor XXS O ₂ is not inserted	Check the DrägerSensor XXS O ₂ , page 46.
305	Error during the function test with gas (bump test) of the DrägerSensor XXS O ₂	Repeat the function test, calibrate or replace the DrägerSensor XXS O ₂ if necessary, page 46.
401	The zero point calibration of DrägerSensor XXS H ₂ S is not valid	Carry out the fresh air calibration, page 36.
402	The span calibration of the DrägerSensor XXS H ₂ S is not valid	Carry out the span calibration, page 40.
403	Measured value of the DrägerSensor XXS H ₂ S is in the negative range	Carry out the fresh air calibration, page 36.
404	DrägerSensor XXS H ₂ S is not inserted	Check DrägerSensor XXS H ₂ S, page 46.

Special symbol » ☒ « and displayed numerical code:	Cause	Remedy
405	Error during the function test with gas (bump test) of the DrägerSensor XXS H ₂ S	Repeat the function test, calibrate or replace the DrägerSensor XXS H ₂ S, if necessary, page 46.
501	The zero point calibration of the DrägerSensor XXS CO is not valid	Carry out the fresh air calibration, page 36.
502	The span calibration of the DrägerSensor XXS CO is not valid	Carry out the span calibration, page 40.
503	The measured value of the DrägerSensor XXS CO is in the negative range	Carry out the fresh air calibration, page 36.
504	The DrägerSensor XXS CO is not inserted	Check the DrägerSensor XXS CO, page 46.
505	Error during the function test with gas (bump test) of the DrägerSensor XXS CO	Repeat the function test, calibrate or replace the DrägerSensor XXS CO, if necessary, page 46.