

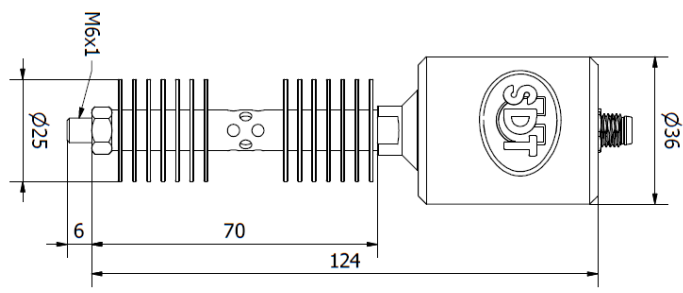
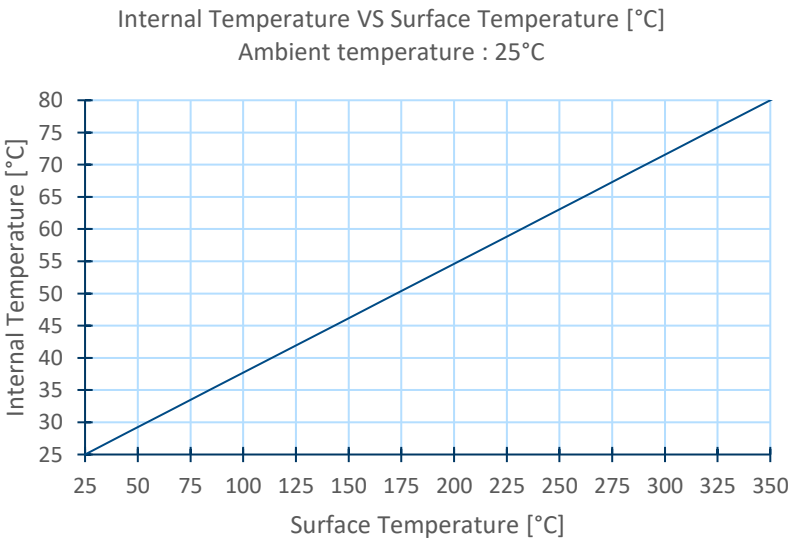
Datasheet FA.RSC.ACC.002-02 Heat Sink for SDT Contact Sensors

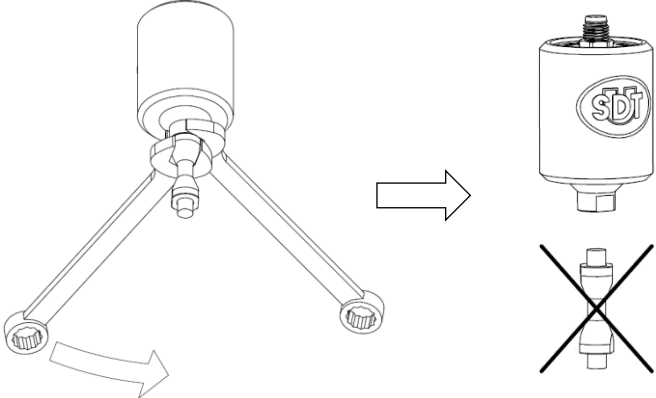
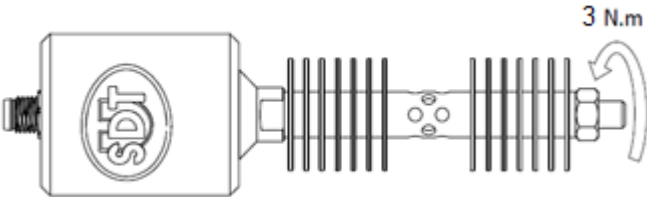
General description:

FA.RSC.ACC.002 is an accessory that allows a SDT contact sensor on a high temperature surface without exceeding the maximum operating temperature of the sensor.



Specifications:

General																											
Dimensions [mm]	 <p><i>Dimensions for the recommended configuration (without the original studs of the sensor).</i></p>																										
Weight	70 [gram] / 2.47 [Oz]																										
Material	Stainless Steel																										
Typical Gain	-2 dB																										
Typical shift of resonance frequency	-1300 Hz (within the analog filter)																										
Installation																											
Operating temperature	<p>Internal Temperature VS Surface Temperature [°C] Ambient temperature : 25°C</p>  <table border="1"> <caption>Data points from the Internal Temperature VS Surface Temperature graph</caption> <thead> <tr> <th>Surface Temperature [°C]</th> <th>Internal Temperature [°C]</th> </tr> </thead> <tbody> <tr><td>25</td><td>25</td></tr> <tr><td>50</td><td>30</td></tr> <tr><td>75</td><td>35</td></tr> <tr><td>100</td><td>40</td></tr> <tr><td>125</td><td>45</td></tr> <tr><td>150</td><td>50</td></tr> <tr><td>175</td><td>55</td></tr> <tr><td>200</td><td>60</td></tr> <tr><td>225</td><td>65</td></tr> <tr><td>250</td><td>70</td></tr> <tr><td>275</td><td>75</td></tr> <tr><td>300</td><td>80</td></tr> </tbody> </table>	Surface Temperature [°C]	Internal Temperature [°C]	25	25	50	30	75	35	100	40	125	45	150	50	175	55	200	60	225	65	250	70	275	75	300	80
Surface Temperature [°C]	Internal Temperature [°C]																										
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Recommended mounting torque	3 N.m
Threads	2 Female M6x1 threads with 2 removable hexagon socket set screws
Recommended mounting method	<ul style="list-style-type: none"> - Remove the original stud of the sensor (use 10 mm wrenches).  <ul style="list-style-type: none"> - Replace the original stud by the heat sink. 

01	CGR 11/05/2021	Original version	CMA
Revision	Writer	Nature of modification	Approved