

## High temperature 120 °C

### Series IDT - Proximity switches

DC 10...55 V  
AC 20...250 V

Extended  
sensing range



Design	Ø 80 mm		Ø 105 mm		Ø 160 mm		
<b>Dimensions</b>							
<b>Installation</b> non flush (nf)							
<b>Operating distance sn [mm]</b>	50 nf	45 nf	80 nf	60 nf	110 nf	100 nf	
<b>Switching output (DC PNP)</b>							
<b>ID-No.</b>	P31276	P31279	P31277	P31280	P31278	P31281	
<b>Type</b>	IDT 080 GSP	IDT 080 WS	IDT 105 GSP	IDT 105 WS	IDT 160 GSP	IDT 160 WS	
<b>Supply voltage [V]</b>	10...55 DC	20...250 AC	10...55 DC	20...250 AC	10...55 DC	20...250 AC	
<b>Switching current [mA]</b>	400	400	400	400	400	400	
<b>Short circuit proof</b>	•	-	•	-	•	-	
<b>Reverse protection</b>	•	-	•	-	•	-	
<b>Voltage drop max. [V]</b>	2	5 eff.	2	5 eff.	2	5 eff.	
<b>Minimum load current [mA]</b>	-	5	-	5	-	5	
<b>Current consumption [mA]</b>	4	2.5	4	2.5	4	2.5	
<b>Switching frequency [Hz]</b>	20	10	20	10	20	10	
<b>Ambient temperature [°C]</b>	-25...+120						
<b>EMC-class</b>	A						
<b>Protection [EN 60529]</b>	IP 67						
<b>Housing material</b>	PBT / Aluminium						
<b>Connection</b>	2 m Silicone-cable 3x0.34 mm <sup>2</sup>	2 m Silicone-cable 2x0.75 mm <sup>2</sup>	2 m Silicone-cable 3x0.34 mm <sup>2</sup>	2 m Silicone-cable 2x0.75 mm <sup>2</sup>	2 m Silicone-cable 3x0.34 mm <sup>2</sup>	2 m Silicone-cable 2x0.75 mm <sup>2</sup>	
<b>Switching current</b>							