



Analog | High temperature 160 °C

Proximity sensors

M18

4...20 mA

For the connection to
amplifier IKM 120 GA

Permanent temperature 160 °C



Design	IGT 005		IKM 120 GA	
Dimensions				
Installation non flush (nf)				
Analog range	[mm]	0...5 nf	-	
ID-No.		P31143	P31144	
Type		IGT 005	IKM 120 GA	
Supply voltage	[V]	-	24 DC ±20%	
Current consumption	[mA]	-	30	
Current output	[mA]	-	4...20 mA	
Linearity	[%]	6	0.5	
Load R _L	[Ω]	-	50...500	
Ambient temperature	[°C]	-25...+160	-20...+60	
Temperature deviation	[%]	10	2	
Protection	[EN 60529]	IP 67	IP 40	
Housing material		AISI 316 Ti / PKS	PC	
Connection		2 m PTFE 3x0.75 mm ²	terminal screws	
Output signal with approaching iron plate ST37				
Connection diagramm				