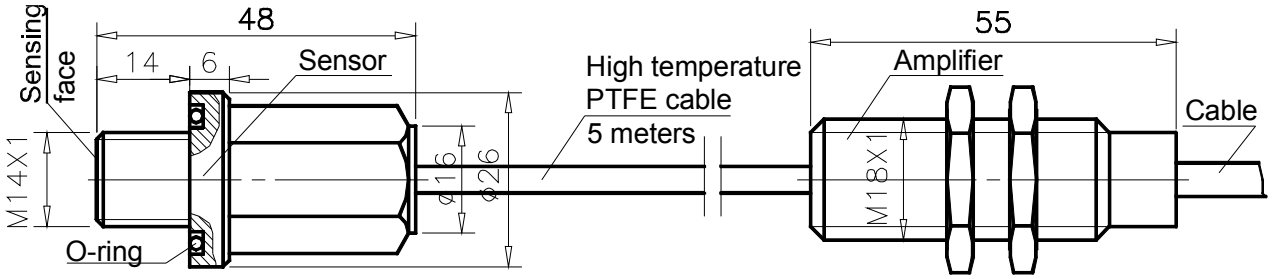
KENNDA®

Stainless Steel Face and Housing with 270℃ High Temperature with 5 Meters PTFE Cable with 50 MPa High Pressure Inductive Proximity Switches

Main Specifications

Type (NPN NO)	KGW14F3KN
Type (PNP NO)	KGW14F3KP
Mounting	flush
Mounting thread	M14×1
Rated sensing distance Sn	2 mm
Assured operating distance Sa	0 ... 1.5 mm
Rated operational voltage U_e	24 Vdc
Supply voltage U_B	10...30 Vdc
Rated operational current I_e	0...200 mA
Repeat accuracy R	< 10 %
Operating frequency f	1000 Hz
Ambient temperature range T_a	–40...+270℃(–40...+ 518°F)
Housing material	Stainless steel 304
Material of sensing face	Stainless steel 304
Degree of protection	IP 68
Rated high pressure	50 MPa

KENNDA provides high quality inductive and capacitive proximity switches to service high pressure and high temperature environments. These switches have thick stainless steel housings (include its sensing surface), which can withstand 50MPa pressure and splash and 270℃ temperature simultaneously. The 5 m long high-temperature PTFE cable between the sensor and the amplifier allows the amplifier away from the high temperature zone. Their sensing distances are temperature compensated from -40℃ to +270℃. Besides short circuit and over current protection, they have mis-connection protection; you can safely connect any pins to any external terminals within rated supply voltage.



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