



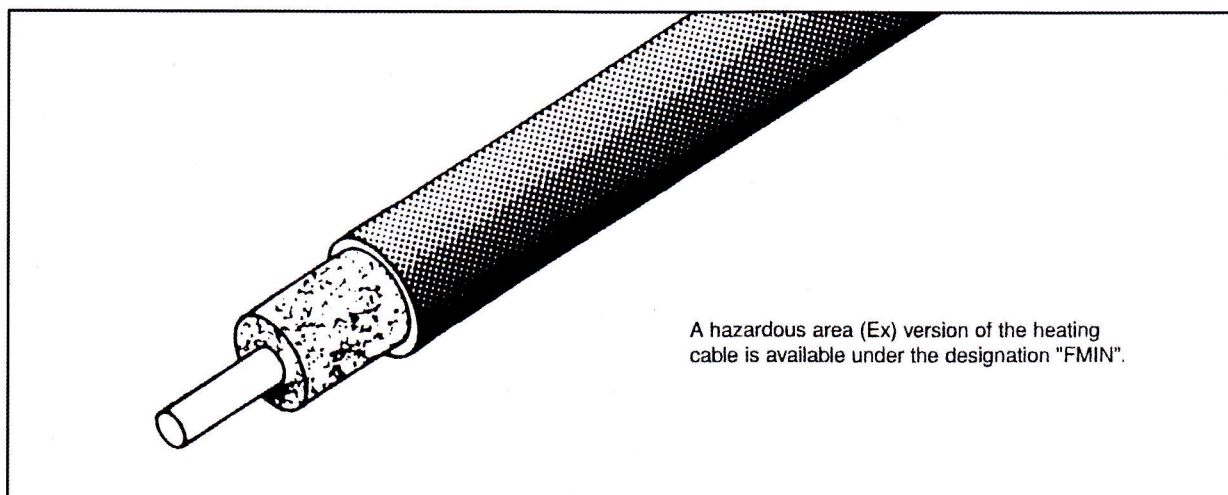
## KMIN

### Mineral insulated heating cable (for non hazardous area use)

KMIN is a preterminated, mineral insulated heating cable consisting of a NiCr 8020 heating element and an Inconel 600 (2.4816) metal sheath. The connection joints between heating cable and cold ends are welded using in heavy duty laser technology.

At heating conductor temperatures up to 1000°C this cable is mainly used for heating elements with special forms, pipe trace heating in the chemical industry, form/platen heating, container heating and special heaters for aqueous solutions.

The heating cable is watertight and can be used both under high pressure and vacuum conditions. It is ideally suited for transferring large thermal volumes since a high per metre load is possible under appropriate conditions.



A hazardous area (Ex) version of the heating cable is available under the designation "FMIN".

<b>Outer diameter (OD)</b>	3.2 mm to 6.5 mm
<b>Specification</b>	
Supply voltage	< 800 V AC
Area classification	Non hazardous
System of protection	IP 68, watertight
Max. withstand temperature (power off)	1000°C
Max. withstand temperature (power on)	Depending on power, for example 800°C at 200 W/m
Max. heating conductor temperature	1000°C
Max. surface temperature	1000°C
Bending radius	≥ 5 x OD
Spacing	≥ 2 x OD
<b>Construction</b>	
Heating element	NiCr 8020
Electrical insulation	MgO
Outer sheath	Inconel 600 (2.4816)
<b>Termination</b>	
Cold end	2 x 0.5 m Inconel (standard)
Gland	PG 11 / M 20 (optional)
Leadwire	150 mm