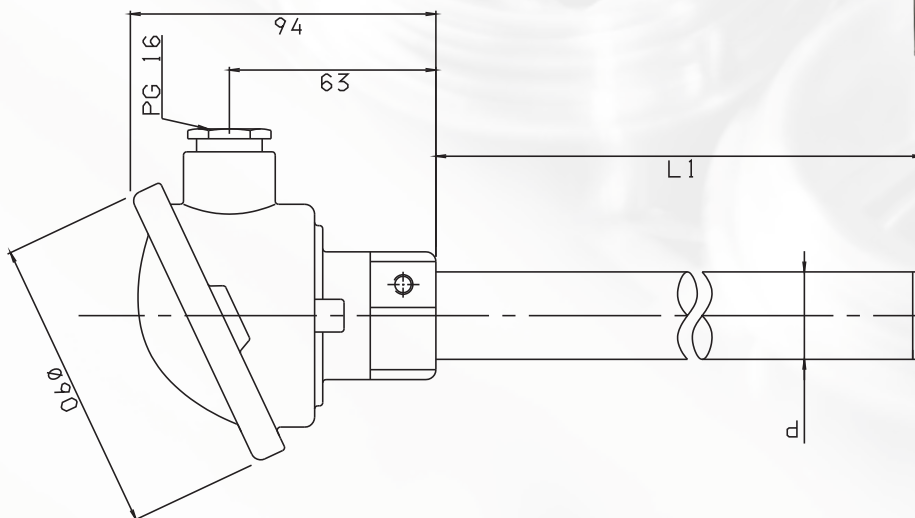


# Thermocouple TYPE AMK

## A-head, ceramics inside / steel outside

- Straight thermocouple - Form AMK - DIN 43733 - for measurement of temperatures in e.g. glass and melting furnaces.
- Measuring insert with element according to DIN 43732. Insulated with ceramics according to DIN 43725.
- Outer protective sheath of heat-resisting steel, Form C, DIN 43720 and inner protective sheath of ceramics according to DIN 43724.
- Mounting by connection flange - DIN 43734 or adjustable union. (See data sheet for accessories).
- Connection head Form A - DIN 43729, of light alloy metal, protection IP65, cable gland PG16.



Ordering: See ordering form on back page

# ORDERING FORM / THERMOCOUPLE \*

# TYPE AMK

		V 2.2																
<b>Imm. length/L1/mm</b> Min. 400 mm - max. 2,000 mm Optional length ..... <input type="text"/>	<table border="0"> <tr><td style="border: 1px solid black; padding: 2px;">1</td><td>.....</td><td>1</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">2</td><td>.....</td><td>2</td></tr> </table>	1	.....	1	2	.....	2	<b>Tolerance class</b>										
1	.....	1																
2	.....	2																
<b>Sheath dia./thickn. - mm</b> Ø21.34x2.77 (253 ma) ..... <input type="text"/> 4 Ø26.67x2.87 (253 ma) ..... <input type="text"/> 5 Ø22x2 (Kanthal) ..... <input type="text"/> 6 Ø26x2.9 (Kanthal) ..... <input type="text"/> 7	<table border="0"> <tr><td style="border: 1px solid black; padding: 2px;">1</td><td>... K - NiCr-Ni</td><td>-40°C/ +1,000°C/ +1,200°C</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">2</td><td>... J - Fe-CuNi</td><td>-40°C/ +750°C/ +750°C</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">3</td><td>... S - Pt10%Rh-Pt</td><td>-40°C/ +1,600°C/ +1,600°C</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">4</td><td>... R - Pt13%Rh-Pt</td><td>-40°C/ +1,600°C/ +1,600°C</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">5</td><td>... N - NiCrSi-NiSi</td><td>-40°C/ +1,000°C/ +1,200°C</td></tr> </table>	1	... K - NiCr-Ni	-40°C/ +1,000°C/ +1,200°C	2	... J - Fe-CuNi	-40°C/ +750°C/ +750°C	3	... S - Pt10%Rh-Pt	-40°C/ +1,600°C/ +1,600°C	4	... R - Pt13%Rh-Pt	-40°C/ +1,600°C/ +1,600°C	5	... N - NiCrSi-NiSi	-40°C/ +1,000°C/ +1,200°C	<b>Thermoelement EN 60584 - Type/work. temp./Cl. 1/2</b>	
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<b>Connection</b> None ..... <input type="text"/> 0 Adjustable flange ..... <input type="text"/> 1 1" BSP thread ..... <input type="text"/> 2	<table border="0"> <tr><td style="border: 1px solid black; padding: 2px;">1</td><td>.....</td><td>1xTC</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">2</td><td>.....</td><td>2xTC</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">3</td><td>.....</td><td>1xTC Prepared for transmitter</td></tr> </table>	1	.....	1xTC	2	.....	2xTC	3	.....	1xTC Prepared for transmitter	<b>Number of thermocouples</b>							
1	.....	1xTC																
2	.....	2xTC																
3	.....	1xTC Prepared for transmitter																

## Connection diagram:



\*Some configurations are unavailable. Your Senmatic sales person will notify you if you have made an incorrect selection.