

# Temperature Sensors and Accessories for Temperature Transmitter Assemblies - Vol. 4

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For additional information, please refer to this product's corresponding Product Data Sheet.

## Price List

Prices are stated in GLP

### 1075BM - Type BM (Form 1, DIN 43772), (previously Type T-EA 15)

Model	Product Description			Base
1075BM	Thermocouple, DIN EN 60584-1(IEC 584), Tolerance Class 1 acc. to DIN EN 60584-2(IEC 584)			
Code	Connection Head	IP Rating	Conduit Connection Thread	
L	TZ-A/BL (BUZH), Aluminum	54	M20 x 1.5	
U	GN-BL, Aluminum, DIN 43729	43	M20 x 1.5	
Y	HR-A/BL (BUS), Aluminum	54	M20 x 1.5	
Code	Sensor Connection			
2	Terminal Block, Form B			
Code	Number of Elements			
01	Single			
02	Double			
Code	Thermocouple Type			
K	K			
Code	Wire Diameter in Millimeters	Thermocouple Type	Max. Temperature (°C)	
13	1.38 (duplex)	K	1000	
20	2	K	1200	
Code	Protective Tube Material/Dimensions	Inner Tube Material/Dimensions	Max. Temperature (°C)	
A	1.4762 (AISI 446 - heat resistant steel), 15 x 2	without	1200	
B	1.4841 (AISI 314 - heat resistant steel), 15 x 2	without	1200	
Code	Nominal Length (NL) in Millimeters			
0250	250			
0500	500			
0710	710			
1000	1000			
XXXX	Other length (max. 2,000 mm)			
Code	Process Connection	Material		
A1	Adjustable stop flange	GTW-35 (cast iron)		
B1	Adjustable threaded fitting with G 3/4	1.0711 (steel)		
NN	No fitting			
Code	Additional Options			
R24	TAG plate, stainless steel			
X1	Fit sensor to temperature transmitter			
Typical Model Number:		1075BM Y 2 01 K 20 A 0250 NN		

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**1075AM - Type AM(K), (previously Type T-EA 22)**

Prices are stated in GLP

Model	Product Description			Base	
<b>1075AM</b>	Thermocouple DIN EN 60584-1 (IEC 584), Tolerance Class 1 acc. to DIN EN 60584-2 (IEC 584)				
Code	Connection Head	IP Rating	Conduit Connection Thread	Add	
E	HR-AL (AUS), Aluminum	54	M20 x 1,5		
G <sup>(1)</sup>	TZ-AL (AUZH), Aluminum	54	M20 x 1,5		
P	GN-AL, Aluminum, DIN 43729	43	M20 x 1,5		
Code	Sensor Connection			Add	
3	Terminal Block, Form A				
Code	Number of Elements			Add	
01	Single				
02	Double				
Code	Thermocouple Type			Add	
B	B				
K	K				
R	R				
S	S				
Code	Wire Diameter in Millimeters	Thermocouple Type	Max. Temperature (°C)	Add	
05 <sup>(2)</sup>	0.5	B, R, S	1600 / R,S; 1800 / B	see comment 1	
20	2	K	1200		
30 <sup>(3)</sup>	3	K	1200		
Code	Protective Tube Material/Dimensions	Inner Tube Material/Dimensions	Max. Temperature (°C)	Add	
C	1.4762 (AISI 446 - heat resistant steel), 22 x 2	without	1200	See Pricing Table A	
D	1.4841 (AISI 314 - heat resistant steel), 22 x 2	without	1200		
E	1.4762 (AISI 446 - heat resistant steel), 22 x 2	Type C 610 / 15 x 2	1200 / R,S		
F	1.4841 (AISI 314 - heat resistant steel), 22 x 2	Type C 610 / 15 x 2	1200 / R,S		
G	1.4767 (Kanthal AF), 22 x 1.3	Type C 610 / 15 x 2	1350 / R,S; 1200 / K		
Code	Nominal Length (NL) in Millimeters			Add	
0500	500			See Pricing Table A	
0710	710				
1000	1000				
1400	1400				
XXXX	Other length (max. 6000 mm)			CF	
Code	Protective Tube Material/Dimensions	Nominal Length (NL)			Add
G-0500	1.4767 (Kanthal AF) 22 x 1.3	500			
G-0710	1.4767 (Kanthal AF) 22 x 1.3	710			
G-1000	1.4767 (Kanthal AF) 22 x 1.3	1000			
G-1400	1.4767 (Kanthal AF) 22 x 1.3	1400			
G-XXXX	1.4767 (Kanthal AF) 22 x 1.3	Other length (max. 6000 mm)			
H-0500	Kanthal Super 22 x 4.5	500			
H-0710	Kanthal Super 22 x 4.5	710			
H-1000	Kanthal Super 22 x 4.5	1000			
H-1400	Kanthal Super 22 x 4.5	1400			
H-XXXX	Kanthal Super 22 x 4.5	Other length (max. 6000 mm)			
Code	Process Connection	Material			Add
A2	Adjustable stop flange	GTW-35 (cast iron)			
B2	Adjustable threaded fitting	1.0711 (steel)			
NN	No fitting				
Code	Additional Options			Add	
R24	TAG plate, stainless steel				
M99	Order specific drawing				
X1	Fit sensor to temperature transmitter				

Typical Model Number: **1075AM G 3 01 S 05 E 1000 A2**

- Connection head suitable for mounting a transmitter inside (Model 144, 244, and 644).
- Local currency value (see calculation below) needs to be added!  
 Example for Price Calculation for Precious Metal Thermocouples according to Typical Model Number above (calculation see page 24 in PDS)  
 Precious metal: Type S, Wire Diameter 0.5 mm, NL = 1000 mm, Connection Head DIN Form A, Daily Quotation of 19.06.01 DM 70.00 / g  
 $Price = NL (mm) + 80 (mm) / 1,000 (mm) \times G (g/m) \times T (DM/g)$   
 $Price = 1,000 (mm) + 80 (mm) / 1,000 (mm) \times 8.2 (g/m) \times 70.00 (DM/g)$   
 Price = 619.92 DM  
 NL = Nominal Length; G = Weight; T = Daily Quotation
- 3 mm suitable for better longterm stability

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**1075AKK - Type AKK, (previously Type T-EZI 26)**

Prices are stated in GLP

Model	Product Description			Base
<b>1075AKK</b>	Thermocouple, DIN EN 60584-1 (IEC 584), Tolerance Class 1 acc. to DIN EN 60584-2 (IEC 584)			
Code	Connection Head	IP Rating	Conduit Connection Thread	Add
E	HR-AL (AUS), Aluminum	54	M20 x 1.5	
G <sup>(1)</sup>	TZ-AL (AUZH), Aluminum	54	M20 x 1.5	
P	GN-AL, Aluminum, DIN 43729	43	M20 x 1.5	
Code	Sensor Connection			Add
3	Terminal Block, Form A			
Code	Number of Elements			Add
01	Single			
02	Double			
Code	Thermocouple Type			Add
B	B			
K	K			
R	R			
S	S			
Code	Wire Diameter in Millimeters	Thermocouple Type	Max. Temperature (°C)	Add
05 <sup>(2)</sup>	0.5	R, S, B	1600 / R, S; 1800 / B	see comment 2
20	2.0	K (double)	1200	
30	3.0	K (single)	1200	
Code	Protective Tube Material/Dimensions	Inner Tube Material/Dimensions	Max. Temperature (°C)	Add
H	Kanthal Super 25 x 5	Type C 799 (10 x 1.5)	1700 / B	
T	Type C 530 / 26 x 4	Type C 610 (15 x 2)	1200 / K	
U	Type C 530 / 26 x 4	Type C 610 (15 x 2)	1400 / R, S	See Pricing Table A
V	Type C 530 / 26 x 4	Type C 799 (15 x 2.5)	1600 / S	
W	Type C 799 / 24 x 3	Type C 799 (15 x 2.5)	1600 / R, S	
Z	Type C 799 / 24 x 3	Type C 799 (15 x 2.5)	1800 / B	
Code	Nominal Length (NL) in Millimeters			Add
0500	500			
0710	710			See Pricing Table A
1000	1000			
1400	1400			
2000	2000			
XXXX	Other Length (upon request)			CF
Code	Protective Tube Material/Dimensions	Nominal Length (NL) in Millimeters		Add
V-0500	Type C 530 / 26 x 4	500		
V-0710	Type C 530 / 26 x 4	710		
V-1000	Type C 530 / 26 x 4	1000		
V-1400	Type C 530 / 26 x 4	1400		
V-2000	Type C 530 / 26 x 4	2000		
V-XXXX	Type C 530 / 26 x 4	Other lengths (max. 3000 mm)		
W/Z-0500	Type C 799 / 24 x 3	500		
W/Z-0710	Type C 799 / 24 x 3	710		
W/Z-1000	Type C 799 / 24 x 3	1000		
W/Z-1400	Type C 799 / 24 x 3	1400		
W/Z-2000	Type C 799 / 24 x 3	2000		
W/Z-XXXX	Type C 799 / 24 x 3	Other lengths (max. 3000 mm)		
Code	Process Connection	Material		Add
A3	Adjustable stop flange	GTW-35 (cast iron)		
B3	Adjustable threaded fitting with G ¼	1.0711 (steel)		
NN	No fitting			
Code	Holding Tube Material	Dimensions in Millimeters		Add
G	1.4762 (AISI 446 - heat resistant steel)	32 x 2		
H	1.4841 (AISI 314 - heat resistant steel)	32 x 2		
J	1.0305 (steel)	32 x 2		
Code	Holding Tube Length (RL) in Millimeters			Add
200	200			
XXX	Other Lengths (upon request)			
Code	Additional Options			Add
R24	TAG plate, stainless steel			
M99	Order specific drawing			
X1	Fit sensor to temperature transmitter			
Typical Model Number: 1075AKK P 3 01 S 05 W 1400 NN H 200				
Precious Metal Portion of Type S Thermocouple is an Adder in Local Currency				

(1) Connection head suitable for mounting a transmitter inside (Model 144, 244, and 644).

(2) Local currency value (see calculation below) needs to be added!

Example for Price Calculation for Precious Metal Thermocouples according to Typical Model Number above (calculation see page 24 in PDS)

Precious metal: Type S, Wire Diameter 0.5 mm, NL = 1400 mm, Connection Head DIN Form A, Daily Quotation of 19.06.01 DM 70.00 / g

Price = NL (mm) + 80 (mm) / 1,000 (mm) x G (g/m) x T (DM/g)

Price = 1,400 (mm) + 80 (mm) / 1,000 (mm) x 8.2 (g/m) x 70.00 (DM/g)

Price = 849.52 DM

NL = Nominal Length; G = Weight; T = Daily Quotation

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**1075BK - Type BK, (previously Type T-EZI 10)**

Prices are stated in

GLP

Model	Product Description			Base
1075BK	Thermocouple DIN EN 60584-1(IEC 584), Tolerance Class 1 acc. to DIN EN 60584-2(IEC 584)			
Code	Connection Head	IP Rating	Conduit Connection Thread	Add
L <sup>(1)</sup>	TZ-A/BL (BUZH), Aluminum	54	M20 x 1.5	
U	GN-BL, Aluminum, DIN 43729	43	M20 x 1.5	
Y	HR-A/BL (BUS), Aluminum	54	M20 x 1.5	
Code	Sensor Connection			Add
2	Terminal Block, Form B			
Code	Number of Elements			Add
01	Single			
02	Double			
Code	Thermocouple Type			Add
B	B			
K	K			
R	R			
S	S			
Code	Wire Diameter in Millimeters	Thermocouple Type	Max. Temperature (°C)	Add
05 <sup>(2)</sup>	0.5	R, S, B	1600 / R, S; 1800 / B	see comment 1
13	1.38	K	1200	
Code	Protective Tube Material/Dimensions	Inner Tube Material/Dimensions	Max. Temperature (°C)	Add
J	Type C 610 / 10 x 1.5	without	1000 / K	See Pricing Table C
K	Type C 610 / 10 x 1.5	without	1400 / R, S	
L	Type C 799 / 10 x 1.5	without	1600 / R, S	
M	Type C 799 / 10 x 1.5	without	1800 / B	
Code	Nominal Length (NL) in Millimeters			Add
0250	250			See Pricing Table C
0500	500			
0710	710			
XXXX	Other Length (max. 1000 mm)			CF
Code	Protective Tube Material/Dimensions	Nominal Length (NL) in Millimeters		Add
L/M-0250	Type C 799 / 10 x 1.5	250		
L/M-0500	Type C 799 / 10 x 1.5	500		
L/M-0710	Type C 799 / 10 x 1.5	710		
L/M-XXXX	Type C 799 / 10 x 1.5	other lengths (max. 1000 mm)		
Code	Process Connection	Material		Add
A1	Adjustable stop flange	GTW-35 (cast iron)		
B1	Adjustable threaded fitting with G ¾	1.0711 (steel)		
NN	No fitting			
Code	Holding Tube Material	Dimensions in Millimeters		Add
A	1.4762 (AISI 446 - heat resistant steel)	15 x 2		
B	1.4841 (AISI 314 - heat resistant steel)	15 x 2		
C	1.0305 (steel)	15 x 2		
Code	Holding Tube Length (RL) in Millimeters			Add
080	80			see comment 1
XXX	Other length			
Code	Additional Options			Add
R24	TAG plate, stainless steel			
M99	Order specific drawing			
X1	Fit sensor to temperature transmitter			

Typical Model Number: 1075BK Y 2 01 S 05 L 0500 A1 A 080

Precious Metal Portion of Type S Thermocouple is an Adder in Local Currency

(1) Connection head suitable for mounting a transmitter inside (Model 144, 244, and 644).

(2) Local currency value (see calculation below) needs to be added!

Example for Price Calculation for Precious Metal Thermocouples according to Typical Model Number above (calculation see page 24 in PDS)

Precious metal: Type S, Wire Diameter 0.5 mm, NL = 500 mm, Connection Head DIN Form B, Daily Quotation of 19.06.01 DM 70.00 / g

Price = NL (mm) + 80 (mm) / 1,000 (mm) x G (g/m) x T (DM/g)

Price = 500 (mm) + 55 (mm) / 1,000 (mm) x 8.2 (g/m) x 70.00 (DM/g)

Price = 318,57 DM

NL = Nominal Length; G = Weight; T = Daily Quotation

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**1075AK - Type AK, (previously Type T-EZI 15)**

Prices are stated in GLP

Model	Product Description			Base
<b>1075AK</b>	Thermocouple DIN EN 60584-1 (IEC 584), Tolerance Class 1 acc. to DIN EN 60584-2 (IEC 584)			
Code	Connection Head	IP Rating	Conduit Connection Thread	Add
E	HR-AL (AUS), Aluminum	54	M20 x 1.5	
G <sup>(1)</sup>	TZ-AL (AUZH), Aluminum	54	M20 x 1.5	
P	GN-AL, Aluminum, DIN 43729	43	M20 x 1.5	
Code	Sensor Connection			Add
3	Terminal Block, Form A			
Code	Number of Elements			Add
01	Single			
02	Double			
Code	Thermocouple Type			Add
B	B			
K	K			
R	R			
S	S			
Code	Wire Diameter in Millimeters	Thermocouple Type	Max. Temperature (°C)	Add
05 <sup>(2)</sup>	0.5	R, S, B	1600 / R, S; 1800 / B	see comment 1
13	1.38	K (double)	1000	
30	3.0	K (single)	1200	
Code	Protective Tube Material / Dimensions	Inner Tube Material	Max. Temperature (°C)	Add
P	Type C 610 / 15 x 2	without	1200 / K	
Q	Type C 610 / 15 x 2	without	1400 / R,S	See Pricing Table D
R	Type C 799 / 15 x 2.5	without	1600 / R,S	
S	Type C 799 / 15 x 2.5	without	1800 / B	
Code	Nominal Length (NL) in Millimeters			
0500	500			
0710	710			See Pricing Table D
1000	1000			
1400	1400			
XXXX	Other Length (max. 2000 mm)			CF
Code	Protective Tube Material/Dimensions	Nominal Length (NL) in Millimeters		Add
R/S-0500	Type C 799 / 15 x 2.5	500		
R/S-0710	Type C 799 / 15 x 2.5	710		
R/S-1000	Type C 799 / 15 x 2.5	1000		
R/S-1400	Type C 799 / 15 x 2.5	1400		
R/S-XXXX	Type C 799 / 15 x 2.5	Other Lengths (max. 2000 mm)		
Code	Process Connection	Material		Add
A2	Adjustable stop flange	GTW-35 (cast iron)		
B2	Adjustable threaded fitting	1.0711 (steel)		
NN	No fitting			
Code	Holding Tube Material / Dimensions	Dimensions in Millimeters		Add
D	1.4762 (AISI 446 - heat resistant steel)	22 x 2		
E	1.4841 (AISI 314 - heat resistant steel)	22 x 2		
F	1.0305 (steel)	22 x 2		
Code	Holding Tube Lengths (RL) in Millimeters			Add
150	150			
XXX	Other lengths			see comment 1
Code	Additional Options			Add
R24	TAG plate, stainless steel			
M99	Order specific drawing			
X1	Fit sensor to temperature transmitter			
<b>Typical Model Number: 1075AK P 3 01 B 05 S 0710 B2 E 150</b>				
<b>Precious Metal Portion of Type B Thermocouple is an Adder in Local Currency</b>				

(1) Connection head suitable for mounting a transmitter inside (Model 144, 244, and 644).

(2) Local currency value (see calculation below) needs to be added!

Example for Price Calculation for Precious Metal Thermocouples according to Typical Model Number above (calculation see page 24 in PDS)

Precious metal: Type B, Wire Diameter 0.5 mm, NL = 710 mm, Connection Head DIN Form A, Daily Quotation of 19.06.01 DM 78.00 / g

Price = NL (mm) + 80 (mm) / 1,000 (mm) x G (g/m) x T (DM/g)

Price = 710 (mm) + 80 (mm) / 1,000 (mm) x 7.6 (g/m) x 78.00 (DM/g)

Price = 468,31 DM

NL = Nominal Length; G = Weight; T = Daily Quotation

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TABLE A. Model 1075AM Protective Tube Material Options.

Code	Nominal Length (NL) in mm	C	D	E	F	G
0500	500	115	125	165	175	540
0710	710	200	210	250	260	770
1000	1000	280	290	330	340	980
1400	1400	465	475	515	525	1380

TABLE B. Model 1075AKK Protective Tube Material Options.

Code	Nominal Length (NL) in mm	H	T	U	V	W	Z
0500	500	5000	90	90	250	450	450
0710	710	6250	175	175	400	800	800
1000	1000	7900	215	215	475	850	850
1400	1400	10000	350	350	675	1375	1375
2000	2000	CF	525	525	1400	2700	2700

TABLE C. Model 1075BK Protective Tube Material Options.

Code	Nominal Length (NL) in mm	J / K	L / M
0250	250	30	90
0500	500	50	175
0710	710	80	215

TABLE D. Model 1075AK Protective Tube Material Options.

Code	Nominal Length (NL) in mm	P / Q	R / S
0500	500	40	180
0710	710	75	320
1000	1000	155	400
1400	1400	270	650