

Symbol	Typ	Titel
G	Sektion	PHYSICS
G01	Untersektion	INSTRUMENTS
G01	Klasse	MEASURING; TESTING
G01K	Unterklasse	MEASURING TEMPERATURE; MEASURING QUANTITY OF HEAT; THERMALLY-SENSITIVE ELEMENTS NOT OTHERWISE PROVIDED FOR (radiation pyrometry G01J 5/00)
G01K 1/00	Hauptgruppe	Details of thermometers not specially adapted for particular types of thermometer (circuits for reducing thermal inertia G01K 7/42) [1, 6, 2006.01]
G01K 1/02	1-Punkt Untergruppe	. Special applications of indicating or recording means, e.g. for remote indications [1, 2006.01]
G01K 1/04	2-Punkt Untergruppe	.. Scales [1, 2006.01]
G01K 1/06	3-Punkt Untergruppe	... Arrangements for facilitating reading, e.g. illumination, magnifying glass [1, 2006.01]
G01K 1/08	1-Punkt Untergruppe	. Protective devices, e.g. casings [1, 2006.01]
G01K 1/10	2-Punkt Untergruppe	.. for preventing chemical attack [1, 2006.01]
G01K 1/12	2-Punkt Untergruppe	... for preventing damage due to heat overloading [1, 2006.01]
G01K 1/14	1-Punkt Untergruppe	. Supports; Fastening devices; Mounting thermometers in particular locations [1, 2006.01]
G01K 1/16	1-Punkt Untergruppe	. Special arrangements for conducting heat from the object to the sensitive element [1, 2006.01]
G01K 1/18	2-Punkt Untergruppe	.. for reducing thermal inertia [1, 2006.01]
G01K 1/20	1-Punkt Untergruppe	. Compensating for effects of temperature changes other than those to be measured, e.g. changes in ambient temperature [1, 2006.01]
G01K 1/22	2-Punkt Untergruppe	.. by means of fluid contained in a hollow body having parts which are deformable or displaceable under the pressure developed by the fluid [1, 2006.01]
G01K 1/24	2-Punkt Untergruppe	.. by means of compounded strips or plates, e.g. bimetallic strips [1, 2006.01]
G01K 1/26	1-Punkt Untergruppe	. Compensating for effects of pressure changes [1, 2006.01]
G01K 3/00	Hauptgruppe	Thermometers giving results other than momentary value of temperature (G01K 7/42 takes precedence) [1, 6, 2006.01]
G01K 3/02	1-Punkt Untergruppe	. giving mean values; giving integrated values [1, 2006.01]
G01K 3/04	2-Punkt Untergruppe	.. in respect of time [1, 2006.01]
G01K 3/06	2-Punkt Untergruppe	.. in respect of space [1, 2006.01]
G01K 3/08	1-Punkt Untergruppe	. giving differences of values; giving differentiated values [1, 2006.01]
G01K 3/10	2-Punkt Untergruppe	.. in respect of time, e.g. reacting only to a quick change of temperature [1, 2006.01]
G01K 3/12	3-Punkt Untergruppe	... based upon expansion or contraction of materials [1, 2006.01]
G01K 3/14	2-Punkt Untergruppe	.. in respect of space [1, 2006.01]
G01K 5/00	Hauptgruppe	Measuring temperature based on the expansion or contraction of a material (G01K 9/00 takes precedence; giving other than momentary value of temperature G01K 3/00) [1, 2006.01]
G01K 5/02	1-Punkt Untergruppe	. the material being a liquid (G01K 5/32 takes precedence) [1, 2006.01]
G01K 5/04	2-Punkt Untergruppe	.. Details [1, 2006.01]
G01K 5/06	3-Punkt Untergruppe	... Arrangements for driving back the liquid column [1, 2006.01]

Symbol	Typ	Titel
G01K 5/08	3-Punkt Untergruppe	... Capillary tubes [1, 2006.01]
G01K 5/10	3-Punkt Untergruppe	... Containers for the liquid [1, 2006.01]
G01K 5/12	3-Punkt Untergruppe	... Selection of liquid compositions [1, 2006.01]
G01K 5/14	2-Punkt Untergruppe	... the liquid displacing a further liquid column or a solid body (for maximum or minimum indication G01K 5/20) [1, 2006.01]
G01K 5/16	2-Punkt Untergruppe	... with electric contacts [1, 2006.01]
G01K 5/18	2-Punkt Untergruppe	... with electric conversion means for final indication [1, 2006.01]
G01K 5/20	2-Punkt Untergruppe	... with means for indicating a maximum or a minimum or both (G01K 5/22 takes precedence) [1, 2006.01]
G01K 5/22	2-Punkt Untergruppe	... with provision for expansion indicating over not more than a few degrees, e.g. clinical thermometer [1, 2006.01]
G01K 5/24	2-Punkt Untergruppe	... with provision for measuring the difference between two temperatures [1, 2006.01]
G01K 5/26	2-Punkt Untergruppe	... with provision for adjusting zero point of scale, e.g. Beckmann thermometer [1, 2006.01]
G01K 5/28	1-Punkt Untergruppe	. the material being a gas (G01K 5/32 takes precedence) [1, 2006.01]
G01K 5/30	2-Punkt Untergruppe	... the gas displacing a liquid column [1, 2006.01]
G01K 5/32	1-Punkt Untergruppe	. the material being a fluid contained in a hollow body having parts which are deformable or displaceable under the pressure developed by the material (under pressure developed by evaporation G01K 11/04) [1, 2006.01]
G01K 5/34	2-Punkt Untergruppe	... the body being a capsule (G01K 5/36, G01K 5/42 take precedence) [1, 2006.01]
G01K 5/36	2-Punkt Untergruppe	... the body being a tubular spring, e.g. Bourdon tube [1, 2006.01]
G01K 5/38	3-Punkt Untergruppe	... of spiral formation [1, 2006.01]
G01K 5/40	3-Punkt Untergruppe	... of helical formation [1, 2006.01]
G01K 5/42	2-Punkt Untergruppe	... the body being a bellows [1, 2006.01]
G01K 5/44	2-Punkt Untergruppe	... the body being a cylinder and piston [1, 2006.01]
G01K 5/46	2-Punkt Untergruppe	... with electric conversion means for final indication [1, 2006.01]
G01K 5/48	1-Punkt Untergruppe	. the material being a solid [1, 2006.01]
G01K 5/50	2-Punkt Untergruppe	... arranged for free expansion or contraction [1, 2006.01]
G01K 5/52	3-Punkt Untergruppe	... with electrical conversion means for final indication [1, 2006.01]
G01K 5/54	2-Punkt Untergruppe	... consisting of pivotally-connected elements [1, 2006.01]
G01K 5/56	2-Punkt Untergruppe	... constrained so that expansion or contraction causes a deformation of the solid [1, 2006.01]
G01K 5/58	3-Punkt Untergruppe	... the solid body being constrained at more than one point, e.g. rod, plate, diaphragm (G01K 5/62 takes precedence) [1, 2006.01]
G01K 5/60	4-Punkt Untergruppe	.... the body being a flexible wire or ribbon [1, 2006.01]
G01K 5/62	3-Punkt Untergruppe	.... the solid body being formed of compounded strips or plates, e.g. bimetallic strip [1, 2006.01]
G01K 5/64	4-Punkt Untergruppe	.... Details of the compound system [1, 2006.01]

Symbol	Typ	Titel
G01K 5/66	5-Punkt Untergruppe	..... Selection of composition of the components of the system [1, 2006.01]
G01K 5/68	5-Punkt Untergruppe	..... Shape of the system [1, 2006.01]
G01K 5/70	4-Punkt Untergruppe	.... specially adapted for indicating or recording [1, 2006.01]
G01K 5/72	5-Punkt Untergruppe	.... with electric transmission means for final indication [1, 2006.01]
G01K 7/00	Hauptgruppe	Measuring temperature based on the use of electric or magnetic elements directly sensitive to heat (giving results other than momentary value of temperature G01K 3/00) [1, 2006.01]
G01K 7/01	1-Punkt Untergruppe	. using semiconducting elements having PN junctions (G01K 7/02, G01K 7/16, G01K 7/30 take precedence) [6, 2006.01]
G01K 7/02	1-Punkt Untergruppe	. using thermo-electric elements, e.g. thermo-couples [1, 2006.01]
G01K 7/04	2-Punkt Untergruppe	.. the object to be measured not forming one of the thermo-electric materials [1, 2006.01]
G01K 7/06	3-Punkt Untergruppe	... the thermo-electric materials being arranged one within the other with the junction at one end exposed to the object, e.g. sheathed type [1, 2006.01]
G01K 7/08	2-Punkt Untergruppe	... the object to be measured forming one of the thermo-electric materials, e.g. pointed type [1, 2006.01]
G01K 7/10	2-Punkt Untergruppe	.. Arrangements for compensating for auxiliary variables, e.g. length of lead [1, 2006.01]
G01K 7/12	3-Punkt Untergruppe	... Arrangements with respect to the cold junction, e.g. preventing influence of temperature of surrounding air [1, 2006.01]
G01K 7/13	4-Punkt Untergruppe	.... Circuits for cold-junction compensation [6, 2006.01]
G01K 7/14	2-Punkt Untergruppe	.. Arrangements for modifying the output characteristic, e.g. linearising [1, 2006.01]
G01K 7/16	1-Punkt Untergruppe	. using resistive elements [1, 2006.01]
G01K 7/18	2-Punkt Untergruppe	.. the element being a linear resistance, e.g. platinum resistance thermometer (G01K 7/26 takes precedence) [1, 2006.01]
G01K 7/20	3-Punkt Untergruppe	... in a specially-adapted circuit, e.g. bridge circuit [1, 2006.01]
G01K 7/21	4-Punkt Untergruppe	.... for modifying the output characteristic, e.g. linearising [6, 2006.01]
G01K 7/22	2-Punkt Untergruppe	.. the element being a non-linear resistance, e.g. thermistor (G01K 7/26 takes precedence) [1, 2006.01]
G01K 7/24	3-Punkt Untergruppe	... in a specially-adapted circuit, e.g. bridge circuit [1, 2006.01]
G01K 7/25	4-Punkt Untergruppe	.... for modifying the output characteristic, e.g. linearising [6, 2006.01]
G01K 7/26	2-Punkt Untergruppe	.. the element being an electrolyte [1, 2006.01]
G01K 7/28	3-Punkt Untergruppe	... in a specially-adapted circuit, e.g. bridge circuit [1, 2006.01]
G01K 7/30	1-Punkt Untergruppe	. using thermal noise of resistances or conductors [1, 2006.01]
G01K 7/32	1-Punkt Untergruppe	. using change of resonant frequency of a crystal [1, 2006.01]
G01K 7/34	1-Punkt Untergruppe	. using capacitative elements [1, 2006.01]
G01K 7/36	1-Punkt Untergruppe	. using magnetic elements, e.g. magnets, coils [1, 2006.01]
G01K 7/38	2-Punkt Untergruppe	.. the variations of temperature influencing the magnetic permeability [1, 2006.01]
G01K 7/40	1-Punkt Untergruppe	. using ionisation of gases [1, 2006.01]
G01K 7/42	1-Punkt Untergruppe	. Circuits for reducing thermal inertia; Circuits for predicting the stationary value of temperature [6, 2006.01]

Symbol	Typ	Titel
G01K 9/00	Hauptgruppe	Measuring temperature based on movements caused by redistribution of weight, e.g. tilting thermometer (not giving momentary value of temperature G01K 3/00) [1, 2006.01]
G01K 11/00	Hauptgruppe	Measuring temperature based on physical or chemical changes not covered by group G01K 3/00, G01K 5/00, G01K 7/00, or G01K 9/00 [1, 2006.01]
G01K 11/02	1-Punkt Untergruppe	. using evaporation or sublimation, e.g. by observing boiling [1, 2006.01]
G01K 11/04	2-Punkt Untergruppe	. . from material contained in a hollow body having parts which are deformable or displaceable under the pressure developed by the vapour [1, 2006.01]
G01K 11/06	1-Punkt Untergruppe	. . using melting, freezing, or softening [1, 2006.01]
G01K 11/08	2-Punkt Untergruppe	. . of disposable test bodies, e.g. cone [1, 2006.01]
G01K 11/10	1-Punkt Untergruppe	. . using sintering [1, 2006.01]
G01K 11/12	1-Punkt Untergruppe	. . using change of colour or translucency (G01K 11/32 takes precedence) [1, 6, 2006.01]
G01K 11/14	2-Punkt Untergruppe	. . of inorganic materials [1, 2006.01]
G01K 11/16	2-Punkt Untergruppe	. . of organic materials [1, 2006.01]
G01K 11/18	2-Punkt Untergruppe	. . of materials which change translucency [1, 2006.01]
G01K 11/20	1-Punkt Untergruppe	. . using thermoluminescent materials (G01K 11/32 takes precedence) [1, 6, 2006.01]
G01K 11/22	1-Punkt Untergruppe	. . using measurement of acoustic effects [1, 2006.01]
G01K 11/24	2-Punkt Untergruppe	. . of the velocity of propagation of sound [1, 2006.01]
G01K 11/26	2-Punkt Untergruppe	. . of resonant frequencies [1, 2006.01]
G01K 11/28	1-Punkt Untergruppe	. . using measurements of density [1, 2006.01]
G01K 11/30	1-Punkt Untergruppe	. . using measurement of the effect of a material on X-radiation, gamma radiation or particle radiation [5, 2006.01]
G01K 11/32	1-Punkt Untergruppe	. . using changes in transmission, scattering or fluorescence in optical fibres [6, 2006.01]
G01K 13/00	Hauptgruppe	Adaptations of thermometers for specific purposes [1, 2006.01]
G01K 13/02	1-Punkt Untergruppe	. . for measuring temperature of moving fluids or granular materials capable of flow [1, 2006.01]
G01K 13/04	1-Punkt Untergruppe	. . for measuring temperature of moving solid bodies [1, 2006.01]
G01K 13/06	2-Punkt Untergruppe	. . in linear movement [1, 2006.01]
G01K 13/08	2-Punkt Untergruppe	. . in rotary movement [1, 2006.01]
G01K 13/10	1-Punkt Untergruppe	. . for measuring temperature within piled or stacked materials (by special arrangements for conducting heat from the object to the sensitive element G01K 1/16) [1, 2006.01]
G01K 13/12	1-Punkt Untergruppe	. . combined with sampling devices for measuring temperatures of samples of material [1, 2006.01]
G01K 15/00	Hauptgruppe	Testing or calibrating of thermometers [1, 2006.01]
G01K 17/00	Hauptgruppe	Measuring quantity of heat [1, 2006.01]
G01K 17/02	1-Punkt Untergruppe	. . Calorimeters using transport of an indicating substance, e.g. evaporation calorimeters [1, 2006.01]
G01K 17/04	1-Punkt Untergruppe	. . Calorimeters using compensation methods [1, 2006.01]
G01K 17/06	1-Punkt Untergruppe	. . Measuring quantity of heat conveyed by flowing media, e.g. in heating systems (G01K 17/02, G01K 17/04 take precedence) [1, 2006.01]
G01K 17/08	2-Punkt Untergruppe	. . based upon measurement of temperature difference [1, 2006.01]

Symbol	Typ	Titel
G01K 17/10	3-Punkt Untergruppe	... between an inlet and an outlet point, combined with measurement of rate of flow of the medium [1, 2006.01]
G01K 17/12	4-Punkt Untergruppe	.... Indicating product of flow and temperature difference directly [1, 2006.01]
G01K 17/14	5-Punkt Untergruppe	..... using mechanical means for both measurements [1, 2006.01]
G01K 17/16	5-Punkt Untergruppe	..... using electrical means for both measurements [1, 2006.01]
G01K 17/18	5-Punkt Untergruppe	..... using electrical means for one measurement and mechanical means for the other [1, 2006.01]
G01K 17/20	3-Punkt Untergruppe	... across a radiating surface, combined with ascertainment of the heat-transmission coefficient [1, 2006.01]
G01K 19/00	Hauptgruppe	Testing or calibrating calorimeters [1, 2006.01]