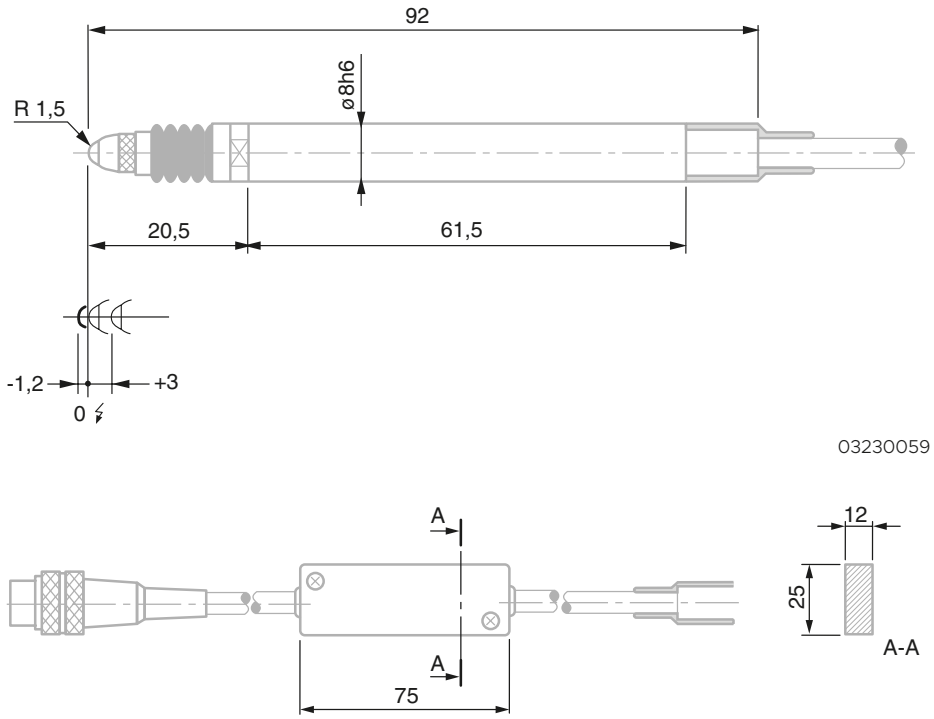
GTL21 DC probe, ± 2 mm, 4,3 mm bolt travel, axial cable



03230059

Standard	DIN 32876
Measuring range	± 2 mm
Bolt travel	4,3 mm
Repeatability	0,1 µm
Hysteresis	0,5 µm
Max. perm. errors	L in mm 0,2 + 3,5 x (L x L) µm
Degree of protection	IP65
Weight	Mobile weight: 6 g
Working temperature	20 °C ± 0,5
Resting position	Factory setting: -1,2 mm Adjustable: -2,2 ÷ 0,1 mm
Coefficient of linear expansion	0,2 µm/°C
Material	Fixing shank: nickel plated Measuring bolt: stainless steel Protection bellow: Viton® Ball insert: tungsten carbide
Dimensions	Fixing shank: Ø 8 mm Insert thread: M2,5 Ball insert: Ø 3 mm Cable: 2 m Connector: 5p DIN45322
Power supply	Stabilised supply voltage: ± 15 V Consumption: 15 mAh Adjustable load: > 1kΩ Output voltage: ± 2 V
Remark(s)	CAD files available on request Downloadable data sheets on www.TESAtechnology.com
Included in delivery	Probe Wrench Measurement report User manual Declaration of conformity

DC axial probes



Article number	Designation	Measuring force, N	Bolt retraction	Output voltage, V	Sensitivity V/mm	Degree of protection	Cable orientation	Cable length m
03230059	GTL21 DC probe	0,63	Mechanical	± 2	1	IP65	Axial	2,2

Numerical index

01860307 G-41
01860307 G-42
01860401 G-46
01860401 H-98
01860401 J-18
01860402 G-46
01860402 J-18
01860704 G-36
01866003 G-39
01866004 G-39
01866006 G-39
01866014 G-39
01866015 G-39
01866016 G-39
01866021 G-39
01866023 G-39
01866026 G-39
01866027 G-39

019

01930260 F-4
01930260 F-7
01930260 F-7
01930261 F-4
01930261 F-7
01930261 F-7
01930263 F-4
01930263 F-7
01930263 F-7
01930300 F-4
01930300 F-11
01930300 F-11
01930301 F-4
01930301 F-11
01930301 F-11
01930303 F-4
01930303 F-11
01930303 F-11
01930304 F-4
01930304 F-13
01930304 F-13
01930305 F-4
01930305 F-13
01930305 F-13
01930307 F-4
01930307 F-13
01930307 F-13
01930309 F-4
01930309 F-15
01930309 F-15
01930311 F-4
01930311 F-17
01930311 F-17
01930313 F-4
01930313 F-19
01930313 F-19
01930315 F-4
01930315 F-11
01930315 F-11
01930317 F-4
01930317 F-13
01930317 F-13
01930320 F-4
01930320 F-9
01930320 F-9
01930321 F-4
01930321 F-9
01930321 F-9
01960005 F-7
01960005 F-9
01960005 F-11
01960005 F-13
01960005 F-15
01960005 F-17
01960005 F-19
01960005 F-21
01960005 F-23
01960005 F-25
01960005 F-27
01960005 F-29
01960005 F-31
01960005 F-33
01960005 F-35
01960005 F-37
01960005 F-39
01960005 F-41
01960005 F-43
01960005 F-45
01960005 F-53
01960100 F-9
01960100 F-11
01960100 F-13
01960100 F-15
01960100 F-17
01960100 F-19
01960100 F-54
01960100 J-22
01960101 F-9
01960101 F-11
01960101 F-53
01960102 F-13
01960102 F-53
01961000 C-13
01961000 C-17
01961000 C-21
01961000 C-25
01961000 C-29
01961000 C-33
01961000 C-37
01961000 C-39
01961012 F-7
01961012 F-53
01962002 A-9

021

02140001 D-11
02140002 D-11
02140003 D-11
02140004 D-11
02140005 D-11
02140006 D-11
02140007 D-11
02140008 D-11
02140009 D-11
02140010 D-11
02140011 D-11
02140012 D-11
02140103 D-10
02140108 D-10
02160038 A-9

025

02510000 D-5
02510000 D-7
02510000 D-12
02510000 O-15
02510001 D-12
02510001 O-15
02510002 D-12
02510002 O-15
02510003 D-12
02510003 O-15
02510004 D-12
02510004 O-15
02510100 D-5
02510100 D-7
02510100 D-12
02510100 O-15
02510101 D-12
02510101 O-15
02510102 D-12
02510102 O-15
02510103 D-12
02510103 O-15
02510200 D-5
02510200 D-7
02510200 D-12
02510200 O-15
02510201 D-12
02510201 O-15
02510202 D-12
02510202 O-15
02510203 D-12
02510203 O-15
02510300 D-5
02510300 D-7
02510300 D-12
02510300 O-15
02510301 D-12
02510301 O-15
02510302 D-12
02510302 O-15
02510303 D-12
02510303 O-15
02530050 O-14
02530075 O-14

026

02611013 H-98
02611014 H-98
02630042 H-110
02630043 H-110
02630045 H-110
02630046 H-110
02630047 H-108
02630048 H-108
02630049 H-108
02630050 H-108
02630051 H-108
02630052 H-110
02630053 H-110
02630054 H-110
02630055 H-110
02660048 H-98
02660066 H-106
02660067 H-106
02660068 H-106
02660069 H-106
02660070 H-106
02660071 H-106
02660072 H-106
02660073 H-107
02660074 H-107
02660076 H-108
02660077 H-108
02660078 H-108
02660079 H-108
02660080 H-108
02660081 H-108
02660082 H-106
02660083 H-106
02660084 H-108
02660085 H-108
02660086 H-108

031

03130060 N-9
03130063 N-9
03160007 N-9
03160008 N-9
03160009 N-9
03160015 A-9
03160016 A-9
03160017 A-9
03160047 A-9
03160048 N-9

032

03210801 H-11
03210802 H-6
03210802 H-11
03210802 I-13
03210803 H-11
03210807 H-11
03210904 H-7
03210904 H-15
03210905 H-15
03210906 H-15
03210907 H-15
03210908 H-15
03210921 H-17
03210922 H-17
03210923 H-17
03210924 H-7
03210924 H-17
03210925 H-17
03210926 H-17
03210927 H-17
03210928 H-17
03230001 H-9
03230001 H-35
03230002 H-9
03230002 H-37
03230017 H-9
03230017 H-41
03230019 H-8
03230019 H-89
03230021 H-7
03230021 H-33
03230026 H-7
03230026 H-25
03230027 H-7
03230027 H-23
03230028 H-8
03230028 H-91
03230035 H-9
03230035 H-39
03230036 H-7
03230036 H-31
03230037 H-8
03230037 H-89
03230038 H-8
03230038 H-91
03230041 H-7
03230041 H-27
03230042 H-7
03230042 H-29
03230049 H-8
03230049 H-93
03230050 H-8
03230050 H-95
03230051 H-8
03230051 H-93
03230052 H-8
03230052 H-95
03230053 H-6
03230053 H-49
03230054 H-6
03230054 H-45
03230055 H-6
03230055 H-53
03230056 H-7
03230056 H-21
03230057 H-7
03230057 H-19
03230058 H-9
03230058 H-65
03230059 H-9
03230059 H-63
03230060 H-6
03230060 H-43
03230061 H-6
03230061 H-47
03230062 H-6
03230062 H-51
03230063 H-6
03230063 H-45
03230067 H-6
03230067 H-43
03230068 H-6
03230068 H-47
03230069 H-6
03230069 H-49
03230070 H-6
03230070 H-51
03230071 H-6
03230071 H-53
03230072 H-7
03230072 H-19
03230073 H-7
03230073 H-23
03230076 H-21
03230081 H-6
03230081 H-9
03230081 H-13
03230085 H-9
03230085 H-71
03230086 H-9
03230086 H-67
03230087 H-9
03230087 H-69
03230200 H-9
03230200 H-73
03230201 H-9
03230201 H-75
03230202 H-9
03230202 H-81
03230204 H-9
03230204 H-77
03230205 H-9
03230205 H-79
03230206 H-87
03230210 H-85
03230211 H-83
03230212 H-83
03238013 G-47
03238013 J-23
03240100 H-96
03240201 H-112
03240202 H-112
03240203 H-112
03240205 H-112
03240207 H-112
03240210 H-112
03240215 H-112
03240220 H-112
03260401 H-98
03260402 H-96
03260403 H-96
03260410 H-96
03260419 H-97
03260420 H-97
03260421 H-97
03260422 H-97
03260423 H-97
03260424 H-97
03260425 H-97
03260432 H-113
03260433 H-113
03260440 H-111
03260441 H-111
03260442 H-111
03260443 H-111
03260444 H-111
03260445 H-111
03260446 H-111
03260447 H-111
03260448 H-111
03260449 H-111
03260450 H-111
03260451 H-111
03260452 H-111
03260453 H-111
03260457 H-97
03260458 H-97
03260464 H-97
03260468 H-97
03260470 H-97
03260489 H-97
03260490 H-97
03260491 H-97
03260500 H-112
03260501 H-112
03260510 H-96
03260510 N-21
03290133 H-15
03290134 H-17
03290135 H-29
03290136 H-41
03290137 H-25
03290138 H-19
03290139 H-21
03290140 H-45
03290141 H-49
03290142 H-53
03290151 H-39
03290152 H-23
03290153 H-27
03290156 H-17
03290157 H-43
03290158 H-47
03290159 H-51
03290167 H-15
03290168 H-17
03290170 H-43
03290171 H-45
03290172 H-47
03290173 H-49
03290174 H-51
03290175 H-53
03290176 H-21
03290179 H-15
03290180 H-17

035

03510001 F-46
03510001 H-99
03510001 L-30
03510002 F-46
03510002 H-99