

Shielded Circular Subminiature Connectors (TRIAD™ 01) Product Line Information

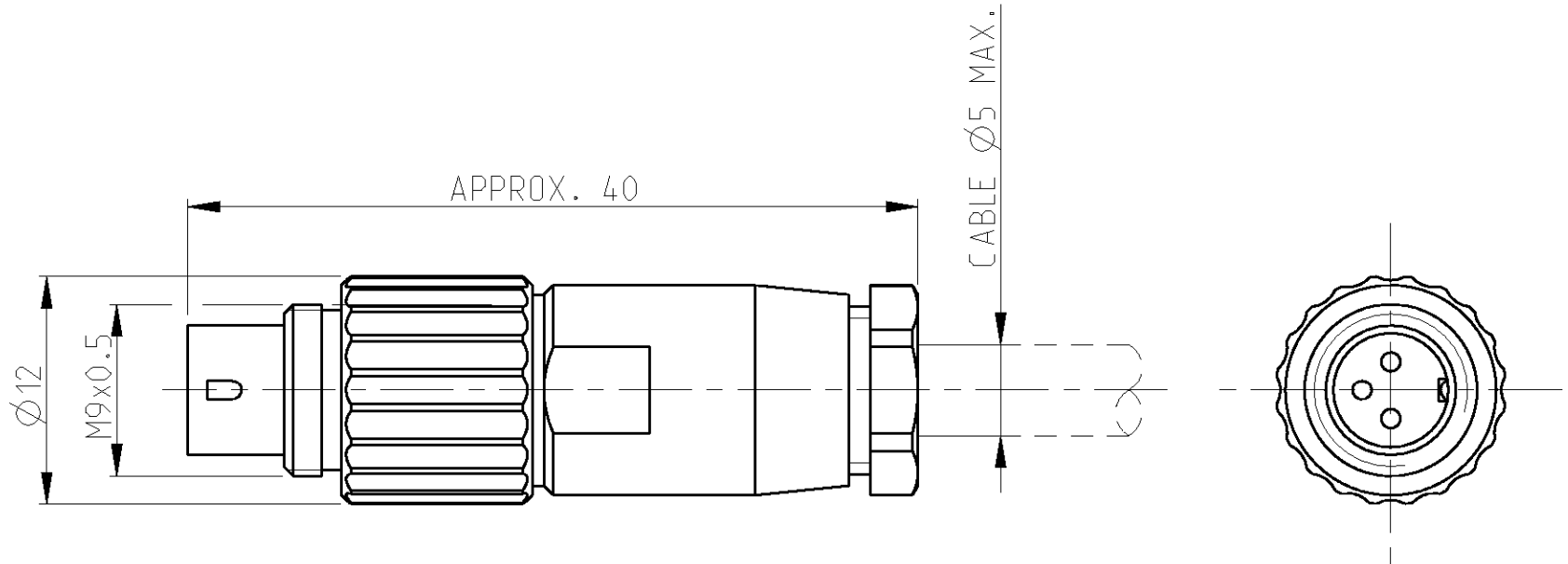
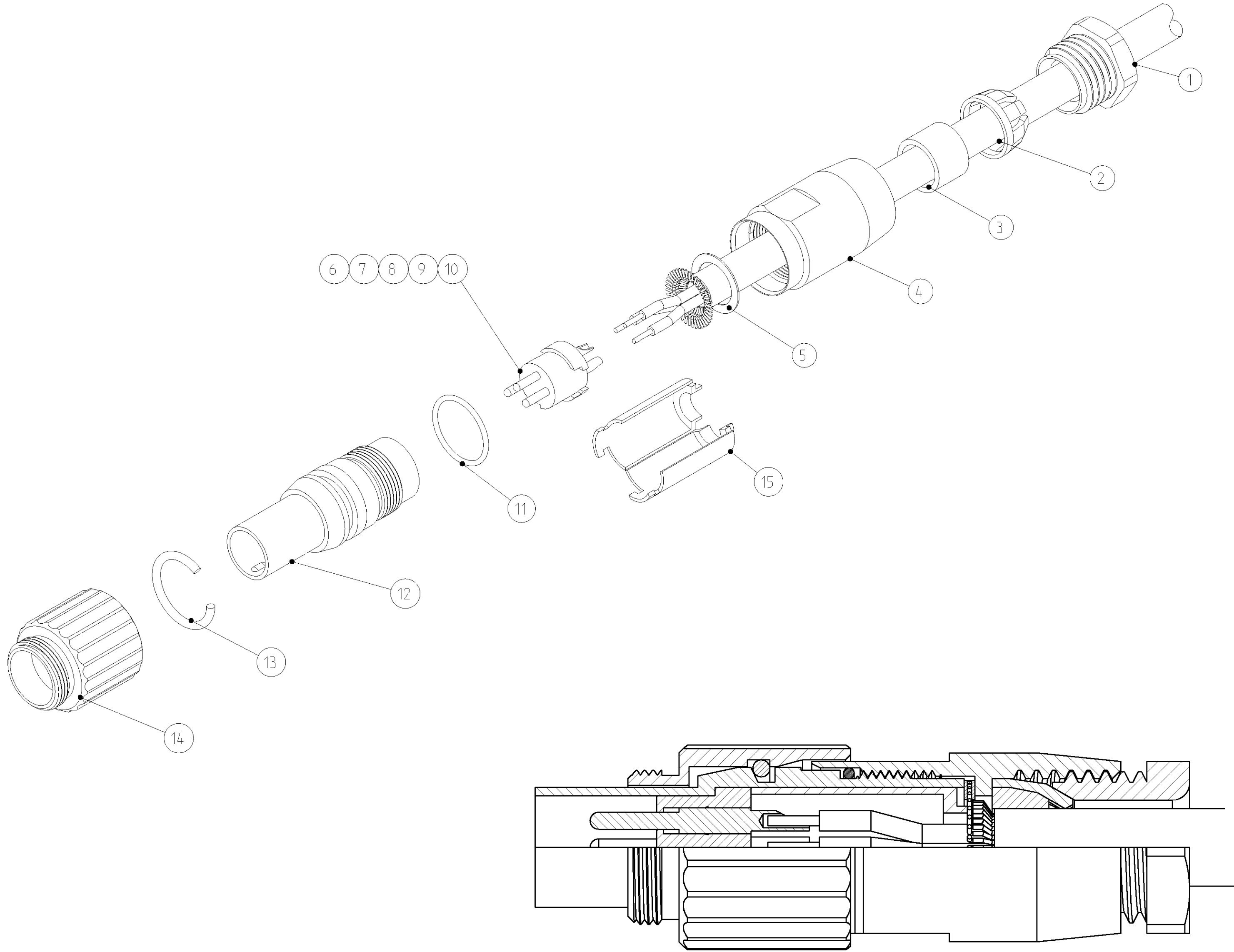
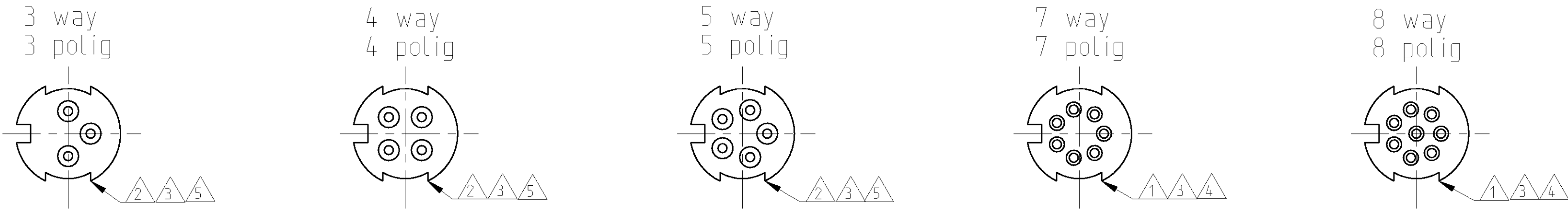
TRIAD™01 Shielded Subminiature Circular Connectors



Product Facts

- Small and lightweight, shielded round connector system
 - Panel mount PCB versions - 180° and 90°
 - Panel mount - Solder Cup - 180° versions
 - Field serviceable male and female connectors--crimp and solder version--for on site connections
 - Single and double ended overmoulded cable leads are available
 - Customized assemblies are possible to make upon request
 - Components for BUS applications available
-

SOLDERING SIDE
LOETSEITE



1-1437719-5 AS SHOWN
WIE GEZEICHNET

LOC	DIST	REVISIONS			
		P	LTR	DESCRIPTION	DATE
A1	-			EG00-0576-01	18JUN2001
		B1		ITEM NO. 5 QUANTITY 1 WAS 2	23-FEB-04

MATERIAL / MATERIAL: PBT, UL-94 V2 SHELL MATERIAL / GEHAEUSEMATERIAL: CUZN FINISH / BESCHICHTUNG: TRIBOR 4 µm	△6
WIRE GAGE / DRAHTGROESSE IN mm ² : 0.25	△5
WIRE GAGE / DRAHTGROESSE IN mm ² : 0.14	△4
CONTACT RESISTANCE / KONTAKTWIDERSTAND: => 5 mΩ	△3
RATED CURRENT PER CONTACT / NENNSTROM PRO KONTAKT: 3 A	△2
RATED CURRENT PER CONTACT / NENNSTROM PRO KONTAKT: 1 A	△1
SHELL PROTECTION CLASS / SCHUTZKLASSE:IP 65 / DIN 40050	
TERMINATION: SOLDERING / VERBINDUNG: LOETKONTAKTE	
TEST VOLTAGE / PRUEFSPANNUNG: 500 VAC	
OPERATING VOLTAGE / BETRIEBSSPANNUNG: 60 VAC	
OPERATING TEMPERATURE: -40°C TO +80°C / ARBEITSTEMPERATUR: -40°C BIS +80°C	
MATING CYCLES / STECKZYKLEN: 500 MAX.	
TECHNICAL DATA TECHNISCHE DATEN	

TYCO NO. / TYCO-NR.					DESCRIPTION BESCHREIBUNG	ITEM NO. POS.-NR.
CATALOG-NO.	CATALOG-NO.	CATALOG-NO.	CATALOG-NO.	CATALOG-NO.		
2-1437719-7	2-1437719-4	2-1437719-1	1-1437719-8	1-1437719-5		
1	1	1	1	1	MOUNTING WRENCH / MONTAGESCHLUESSEL	18
1	1	1	1	1	COMPLETELY IN MINI-GRIP / KOMPLETT IN MINI-GRIP: 70x100mm	17
1	1	1	1	1	MOUNTING INSTRUCTION / MONTAGEANLEITUNG	16
1	1	1	1	1	INSULATION TUBE / ISOLIERHUELSE	15
1	1	1	1	1	SCREW ING TUBE / SCHRAUBHUELSE	14
1	1	1	1	1	SPRING / FEDER	13
1	1	1	1	1	TUBE / INNENHUELSE	12
1	1	1	1	1	O-RING / O-RING	11
1					CONTACT CARRIER 8 WAY / STIFTSTECKER 8 POLIG	10
	1				CONTACT CARRIER 7 WAY / STIFTSTECKER 7 POLIG	9
		1			CONTACT CARRIER 5 WAY / STIFTSTECKER 5 POLIG	8
			1		CONTACT CARRIER 4 WAY / STIFTSTECKER 4 POLIG	7
				1	CONTACT CARRIER 3 WAY / STIFTSTECKER 3 POLIG	6
1	1	1	1	1	GROUNDING PLATE FOR 360°SHIELDING CONNECTION/ MASSESCHIEBE FUER 360°ABSCHIRMUNG	5
1	1	1	1	1	HOUSING / GEHAEUSE	4
1	1	1	1	1	CABLE SEALING / KABELDICHTUNG	3
1	1	1	1	1	STRAIN RELIEF / ZUGENTLASTUNGSKRONE	2
1	1	1	1	1	STRAIN RELIEF NUT / ZUGENTLASTUNGSMUTTER	1
-	-	-	-	-	REVISION OF EACH ASSY NO. (WHEN BLANK, USE DWG REV.)	
QTY REQD PER ASSY					PARTS LIST TEILELISTE	
T01-0550-P08	T01-0550-P07	T01-0550-P05	T01-0550-P04	T01-0550-P03		

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. THIS DRAWING IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.		DWG NO. 18JUN2001 CHKD. H. SCHERER APVD. E. FELDMER	tyco Electronics AMP GmbH 0 - 64625 Bensheim						
DIMENSIONS: MASSENHEITEN: (MM)		0 PLC ±0.3 1 PLC ±0.3 2 PLC ±0.3 3 PLC ±0.3 4 PLC ±0.3 5 PLC ±0.3 6 PLC ±0.3 7 PLC ±0.3 8 PLC ±0.3 9 PLC ±0.3 10 PLC ±0.3 11 PLC ±0.3 12 PLC ±0.3 13 PLC ±0.3 14 PLC ±0.3 15 PLC ±0.3 16 PLC ±0.3 17 PLC ±0.3 18 PLC ±0.3 19 PLC ±0.3 20 PLC ±0.3 21 PLC ±0.3 22 PLC ±0.3 23 PLC ±0.3 24 PLC ±0.3 25 PLC ±0.3 26 PLC ±0.3 27 PLC ±0.3 28 PLC ±0.3 29 PLC ±0.3 30 PLC ±0.3 31 PLC ±0.3 32 PLC ±0.3 33 PLC ±0.3 34 PLC ±0.3 35 PLC ±0.3 36 PLC ±0.3 37 PLC ±0.3 38 PLC ±0.3 39 PLC ±0.3 40 PLC ±0.3 41 PLC ±0.3 42 PLC ±0.3 43 PLC ±0.3 44 PLC ±0.3 45 PLC ±0.3 46 PLC ±0.3 47 PLC ±0.3 48 PLC ±0.3 49 PLC ±0.3 50 PLC ±0.3 51 PLC ±0.3 52 PLC ±0.3 53 PLC ±0.3 54 PLC ±0.3 55 PLC ±0.3 56 PLC ±0.3 57 PLC ±0.3 58 PLC ±0.3 59 PLC ±0.3 60 PLC ±0.3 61 PLC ±0.3 62 PLC ±0.3 63 PLC ±0.3 64 PLC ±0.3 65 PLC ±0.3 66 PLC ±0.3 67 PLC ±0.3 68 PLC ±0.3 69 PLC ±0.3 70 PLC ±0.3 71 PLC ±0.3 72 PLC ±0.3 73 PLC ±0.3 74 PLC ±0.3 75 PLC ±0.3 76 PLC ±0.3 77 PLC ±0.3 78 PLC ±0.3 79 PLC ±0.3 80 PLC ±0.3 81 PLC ±0.3 82 PLC ±0.3 83 PLC ±0.3 84 PLC ±0.3 85 PLC ±0.3 86 PLC ±0.3 87 PLC ±0.3 88 PLC ±0.3 89 PLC ±0.3 90 PLC ±0.3 91 PLC ±0.3 92 PLC ±0.3 93 PLC ±0.3 94 PLC ±0.3 95 PLC ±0.3 96 PLC ±0.3 97 PLC ±0.3 98 PLC ±0.3 99 PLC ±0.3 100 PLC ±0.3 101 PLC ±0.3 102 PLC ±0.3 103 PLC ±0.3 104 PLC ±0.3 105 PLC ±0.3 106 PLC ±0.3 107 PLC ±0.3 108 PLC ±0.3 109 PLC ±0.3 110 PLC ±0.3 111 PLC ±0.3 112 PLC ±0.3 113 PLC ±0.3 114 PLC ±0.3 115 PLC ±0.3 116 PLC ±0.3 117 PLC ±0.3 118 PLC ±0.3 119 PLC ±0.3 120 PLC ±0.3 121 PLC ±0.3 122 PLC ±0.3 123 PLC ±0.3 124 PLC ±0.3 125 PLC ±0.3 126 PLC ±0.3 127 PLC ±0.3 128 PLC ±0.3 129 PLC ±0.3 130 PLC ±0.3 131 PLC ±0.3 132 PLC ±0.3 133 PLC ±0.3 134 PLC ±0.3 135 PLC ±0.3 136 PLC ±0.3 137 PLC ±0.3 138 PLC ±0.3 139 PLC ±0.3 140 PLC ±0.3 141 PLC ±0.3 142 PLC ±0.3 143 PLC ±0.3 144 PLC ±0.3 145 PLC ±0.3 146 PLC ±0.3 147 PLC ±0.3 148 PLC ±0.3 149 PLC ±0.3 150 PLC ±0.3 151 PLC ±0.3 152 PLC ±0.3 153 PLC ±0.3 154 PLC ±0.3 155 PLC ±0.3 156 PLC ±0.3 157 PLC ±0.3 158 PLC ±0.3 159 PLC ±0.3 160 PLC ±0.3 161 PLC ±0.3 162 PLC ±0.3 163 PLC ±0.3 164 PLC ±0.3 165 PLC ±0.3 166 PLC ±0.3 167 PLC ±0.3 168 PLC ±0.3 169 PLC ±0.3 170 PLC ±0.3 171 PLC ±0.3 172 PLC ±0.3 173 PLC ±0.3 174 PLC ±0.3 175 PLC ±0.3 176 PLC ±0.3 177 PLC ±0.3 178 PLC ±0.3 179 PLC ±0.3 180 PLC ±0.3 181 PLC ±0.3 182 PLC ±0.3 183 PLC ±0.3 184 PLC ±0.3 185 PLC ±0.3 186 PLC ±0.3 187 PLC ±0.3 188 PLC ±0.3 189 PLC ±0.3 190 PLC ±0.3 191 PLC ±0.3 192 PLC ±0.3 193 PLC ±0.3 194 PLC ±0.3 195 PLC ±0.3 196 PLC ±0.3 197 PLC ±0.3 198 PLC ±0.3 199 PLC ±0.3 200 PLC ±0.3 201 PLC ±0.3 202 PLC ±0.3 203 PLC ±0.3 204 PLC ±0.3 205 PLC ±0.3 206 PLC ±0.3 207 PLC ±0.3 208 PLC ±0.3 209 PLC ±0.3 210 PLC ±0.3 211 PLC ±0.3 212 PLC ±0.3 213 PLC ±0.3 214 PLC ±0.3 215 PLC ±0.3 216 PLC ±0.3 217 PLC ±0.3 218 PLC ±0.3 219 PLC ±0.3 220 PLC ±0.3 221 PLC ±0.3 222 PLC ±0.3 223 PLC ±0.3 224 PLC ±0.3 225 PLC ±0.3 226 PLC ±0.3 227 PLC ±0.3 228 PLC ±0.3 229 PLC ±0.3 230 PLC ±0.3 231 PLC ±0.3 232 PLC ±0.3 233 PLC ±0.3 234 PLC ±0.3 235 PLC ±0.3 236 PLC ±0.3 237 PLC ±0.3 238 PLC ±0.3 239 PLC ±0.3 240 PLC ±0.3 241 PLC ±0.3 242 PLC ±0.3 243 PLC ±0.3 244 PLC ±0.3 245 PLC ±0.3 246 PLC ±0.3 247 PLC ±0.3 248 PLC ±0.3 249 PLC ±0.3 250 PLC ±0.3 251 PLC ±0.3 252 PLC ±0.3 253 PLC ±0.3 254 PLC ±0.3 255 PLC ±0.3 256 PLC ±0.3 257 PLC ±0.3 258 PLC ±0.3 259 PLC ±0.3 260 PLC ±0.3 261 PLC ±0.3 262 PLC ±0.3 263 PLC ±0.3 264 PLC ±0.3 265 PLC ±0.3 266 PLC ±0.3 267 PLC ±0.3 268 PLC ±0.3 269 PLC ±0.3 270 PLC ±0.3 271 PLC ±0.3 272 PLC ±0.3 273 PLC ±0.3 274 PLC ±0.3 275 PLC ±0.3 276 PLC ±0.3 277 PLC ±0.3 278 PLC ±0.3 279 PLC ±0.3 280 PLC ±0.3 281 PLC ±0.3 282 PLC ±0.3 283 PLC ±0.3 284 PLC ±0.3 285 PLC ±0.3 286 PLC ±0.3 287 PLC ±0.3 288 PLC ±0.3 289 PLC ±0.3 290 PLC ±0.3 291 PLC ±0.3 292 PLC ±0.3 293 PLC ±0.3 294 PLC ±0.3 295 PLC ±0.3 296 PLC ±0.3 297 PLC ±0.3 298 PLC ±0.3 299 PLC ±0.3 300 PLC ±0.3 301 PLC ±0.3 302 PLC ±0.3 303 PLC ±0.3 304 PLC ±0.3 305 PLC ±0.3 306 PLC ±0.3 307 PLC ±0.3 308 PLC ±0.3 309 PLC ±0.3 310 PLC ±0.3 311 PLC ±0.3 312 PLC ±0.3 313 PLC ±0.3 314 PLC ±0.3 315 PLC ±0.3 316 PLC ±0.3 317 PLC ±0.3 318 PLC ±0.3 319 PLC ±0.3 320 PLC ±0.3 321 PLC ±0.3 322 PLC ±0.3 323 PLC ±0.3 324 PLC ±0.3 325 PLC ±0.3 326 PLC ±0.3 327 PLC ±0.3 328 PLC ±0.3 329 PLC ±0.3 330 PLC ±0.3 331 PLC ±0.3 332 PLC ±0.3 333 PLC ±0.3 334 PLC ±0.3 335 PLC ±0.3 336 PLC ±0.3 337 PLC ±0.3 338 PLC ±0.3 339 PLC ±0.3 340 PLC ±0.3 341 PLC ±0.3 342 PLC ±0.3 343 PLC ±0.3 344 PLC ±0.3 345 PLC ±0.3 346 PLC ±0.3 347 PLC ±0.3 348 PLC ±0.3 349 PLC ±0.3 350 PLC ±0.3 351 PLC ±0.3 352 PLC ±0.3 353 PLC ±0.3 354 PLC ±0.3 355 PLC ±0.3 356 PLC ±0.3 357 PLC ±0.3 358 PLC ±0.3 359 PLC ±0.3 360 PLC ±0.3 361 PLC ±0.3 362 PLC ±0.3 363 PLC ±0.3 364 PLC ±0.3 365 PLC ±0.3 366 PLC ±0.3 367 PLC ±0.3 368 PLC ±0.3 369 PLC ±0.3 370 PLC ±0.3 371 PLC ±0.3 372 PLC ±0.3 373 PLC ±0.3 374 PLC ±0.3 375 PLC ±0.3 376 PLC ±0.3 377 PLC ±0.3 378 PLC ±0.3 379 PLC ±0.3 380 PLC ±0.3 381 PLC ±0.3 382 PLC ±0.3 383 PLC ±0.3 384 PLC ±0.3 385 PLC ±0.3 386 PLC ±0.3 387 PLC ±0.3 388 PLC ±0.3 389 PLC ±0.3 390 PLC ±0.3 391 PLC ±0.3 392 PLC ±0.3 393 PLC ±0.3 394 PLC ±0.3 395 PLC ±0.3 396 PLC ±0.3 397 PLC ±0.3 398 PLC ±0.3 399 PLC ±0.3 400 PLC ±0.3 401 PLC ±0.3 402 PLC ±0.3 403 PLC ±0.3 404 PLC ±0.3 405 PLC ±0.3 406 PLC ±0.3 407 PLC ±0.3 408 PLC ±0.3 409 PLC ±0.3 410 PLC ±0.3 411 PLC ±0.3 412 PLC ±0.3 413 PLC ±0.3 414 PLC ±0.3 415 PLC ±0.3 416 PLC ±0.3 417 PLC ±0.3 418 PLC ±0.3 419 PLC ±0.3 420 PLC ±0.3 421 PLC ±0.3 422 PLC ±0.3 423 PLC ±0.3 424 PLC ±0.3 425 PLC ±0.3 426 PLC ±0.3 427 PLC ±0.3 428 PLC ±0.3 429 PLC ±0.3 430 PLC ±0.3 431 PLC ±0.3 432 PLC ±0.3 433 PLC ±0.3 434 PLC ±0.3 435 PLC ±0.3 436 PLC ±0.3 437 PLC ±0.3 438 PLC ±0.3 439 PLC ±0.3 440 PLC ±0.3 441 PLC ±0.3 442 PLC ±0.3 443 PLC ±0.3 444 PLC ±0.3 445 PLC ±0.3 446 PLC ±0.3 447 PLC ±0.3 448 PLC ±0.3 449 PLC ±0.3 450 PLC ±0.3 451 PLC ±0.3 452 PLC ±0.3 453 PLC ±0.3 454 PLC ±0.3 455 PLC ±0.3 456 PLC ±0.3 457 PLC ±0.3 458 PLC ±0.3 459 PLC ±0.3 460 PLC ±0.3 461 PLC ±0.3 462 PLC ±0.3 463 PLC ±0.3 464 PLC ±0.3 465 PLC ±0.3 466 PLC ±0.3 467 PLC ±0.3 468 PLC ±0.3 469 PLC ±0.3 470 PLC ±0.3 471 PLC ±0.3 472 PLC ±0.3 473 PLC ±0.3 474 PLC ±0.3 475 PLC ±0.3 476 PLC ±0.3 477 PLC ±0.3 478 PLC ±0.3 479 PLC ±0.3 480 PLC ±0.3 481 PLC ±0.3 482 PLC ±0.3 483 PLC ±0.3 484 PLC ±0.3 485 PLC ±0.3 486 PLC ±0.3 487 PLC ±0.3 488 PLC ±0.3 489 PLC ±0.3 490 PLC ±0.3 491 PLC ±0.3 492 PLC ±0.3 493 PLC ±0.3 494 PLC ±0.3 495 PLC ±0.3 496 PLC ±0.3 497 PLC ±0.3 498 PLC ±0.3 499 PLC ±0.3 500 PLC ±0.3 501 PLC ±0.3 502 PLC ±0.3 503 PLC ±0.3 504 PLC ±0.3 505 PLC ±0.3 506 PLC ±0.3 507 PLC ±0.3 508 PLC ±0.3 509 PLC ±0.3 510 PLC ±0.3 511 PLC ±0.3 512 PLC ±0.3 513 PLC ±0.3 514 PLC ±0.3 515 PLC ±0.3 516 PLC ±0.3 517 PLC ±0.3 518 PLC ±0.3 519 PLC ±0.3 520 PLC ±0.3 521 PLC ±0.3 522 PLC ±0.3 523 PLC ±0.3 524 PLC ±0.3 525 PLC ±0.3 526 PLC ±0.3 527 PLC ±0.3 528 PLC ±0.3 529 PLC ±0.3 530 PLC ±0.3 531 PLC ±0.3 532 PLC ±0.3 533 PLC ±0.3 534 PLC ±0.3 535 PLC ±0.3 536 PLC ±0.3 537 PLC ±0.3 538 PLC ±0.3 539 PLC ±0.3 540 PLC ±0.3 541 PLC ±0.3 542 PLC ±0.3 543 PLC ±0.3 544 PLC ±0.3 545 PLC ±0.3 546 PLC ±0.3 547 PLC ±0.3 548 PLC ±0.3 549 PLC ±0.3 550 PLC ±0.3 551 PLC ±0.3 552 PLC ±0.3 553 PLC ±0.3 554 PLC ±0.3 555 PLC ±0.3 556 PLC ±0.3 557 PLC ±0.3 558 PLC ±0.3 559 PLC ±0.3 560 PLC ±0.3 561 PLC ±0.3 562 PLC ±0.3 563 PLC ±0.3 564 PLC ±0.3 565 PLC ±0.3 566 PLC ±0.3 567 PLC ±0.3 568 PLC ±0.3 569 PLC ±0.3 570 PLC ±0.3 571 PLC ±0.3 572 PLC ±0.3 573 PLC ±0.3 574 PLC ±0.3 575 PLC ±0.3 576 PLC ±0.3 577 PLC ±0.3 578 PLC ±0.3 579 PLC ±0.3 580 PLC ±0.3 581 PLC ±0.3 582 PLC ±0.3 583 PLC ±0.3 584 PLC ±0.3 585 PLC ±0.3 586 PLC ±0.3 587 PLC ±0.3 588 PLC ±0.3 589 PLC ±0.3 590 PLC ±0.3 591 PLC ±0.3 592 PLC ±0.3 593 PLC ±0.3 594 PLC ±0.3 595 PLC ±0.3 596 PLC ±0.3 597 PLC ±0.3 598 PLC ±0.3 599 PLC ±0.3 600 PLC ±0.3 601 PLC ±0.3 602 PLC ±0.3 603 PLC ±0.3 604 PLC ±0.3 605 PLC ±0.3 606 PLC ±0.3 607 PLC ±0.3 608 PLC ±0.3 609 PLC ±0.3 610 PLC ±0.3 611 PLC ±0.3 612 PLC ±0.3 613 PLC ±0.3 614 PLC ±0.3 615 PLC ±0.3 616 PLC ±0.3 617 PLC ±0.3 618 PLC ±0.3 619 PLC ±0.3 620 PLC ±0.3 621 PLC ±0.3 622 PLC ±0.3 623 PLC ±0.3 624 PLC ±0.3 625 PLC ±0.3 626 PLC ±0.3 627 PLC ±0.3 628 PLC ±0.3 629 PLC ±0.3 630 PLC ±0.3 631 PLC ±0.3 632 PLC ±0.3 633 PLC ±0.3 634 PLC ±0.3 635 PLC ±0.3 636 PLC ±0.3 637 PLC ±0.3 638 PLC ±0.3 639 PLC ±0.3 640 PLC ±0.3 641 PLC ±0.3 642 PLC ±0.3 643 PLC ±0.3 644 PLC ±0.3 645 PLC ±0.3 646 PLC ±0.3 647 PLC ±0.3 648 PLC ±0.3 649 PLC ±0.3 650 PLC ±0.3 651 PLC ±0.3 652 PLC ±0.3 653 PLC ±0.3 654 PLC ±0.3 655 PLC ±0.3 656 PLC ±0.3 657 PLC ±0.3 658 PLC ±0.3 659 PLC ±0.3 660 PLC ±0.3 661 PLC ±0.3 662 PLC ±0.3 663 PLC ±0.3 664 PLC ±0.3 665 PLC ±0.3 666 PLC ±0.3 667 PLC ±0.3 668 PLC ±0.3 669 PLC ±0.3 670 PLC ±0.3 671 PLC ±0.3 672 PLC ±0.3 673 PLC ±0.3 674 PLC ±0.3 675 PLC ±0.3 676 PLC ±0.3 677 PLC ±0.3 678 PLC ±0.3 679 PLC ±0.3 680 PLC ±0.3 681 PLC ±0.3 682 PLC ±0.3 683 PLC ±0.3 684 PLC ±0.3 685 PLC ±0.3 686 PLC ±0.3 687 PLC ±0.3 688 PLC ±0.3 689 PLC ±0.3 690 PLC ±0.3 691 PLC ±0.3 692 PLC ±0.3 693 PLC ±0.3 694 PLC ±0.3 695 PLC ±0.3 696 PLC ±0.3 697 PLC ±0.3 698 PLC ±0.3 699 PLC ±0.3 700 PLC ±0.3 701 PLC ±0.3 702 PLC ±0.3 703 PLC ±0.3 704 PLC ±0.3 705 PLC ±0.3 706 PLC ±0.3 707 PLC ±0.3 708 PLC ±0.3 709 PLC ±0.3 710 PLC ±0.3 711 PLC ±0.3 712 PLC ±0.3 713 PLC ±0.3 714 PLC ±0.3 715 PLC ±0.3 716 PLC ±0.3 717 PLC ±0.3 718 PLC ±0.3 719 PLC ±0.3 720 PLC ±0.3 721 PLC ±0.3 722 PLC ±0.3 723 PLC ±0.3 724 PLC ±0.3 725 PLC ±0.3 726 PLC ±0.3 727 PLC ±0.3 728 PLC ±0.3 729 PLC ±0.3 730 PLC ±0.3 731 PLC ±0.3 732 PLC ±0.3 733 PLC ±0.3 734 PLC ±0.3 735 PLC ±0.3 736 PLC ±0.3 737 PLC ±0.3 738 PLC ±0.3 739 PLC ±0.3 740 PLC ±0.3 741 PLC ±0.3 742 PLC ±0.3 743 PLC ±0.3 744 PLC ±0.3 745 PLC ±0.3 746 PLC ±0.3 747 PLC ±0.3 748 PLC ±0.3 749 PLC ±0.3 750 PLC ±0.3 751 PLC ±0.3 752 PLC ±0.3 753 PLC ±0.3 754 PLC ±0.3 755 PLC ±0.3 756 PLC ±0.3 757 PLC ±0.3 758 PLC ±0.3 759 PLC ±0.3 760 PLC ±0.3 761 PLC ±0.3 762 PLC ±0.3 763 PLC ±0.3 764 PLC ±0.3 765 PLC ±0.3 766 PLC ±0.3 767 PLC ±0.3 768 PLC ±0.3 769 PLC ±0.3 770 PLC ±0.3 771 PLC ±0.3 772 PLC ±0.3 773 PLC ±0.3 774 PLC ±0.3 775 PLC ±0.3 776 PLC ±0.3 777 PLC ±0.3 778 PLC ±0.3 779 PLC ±0.3 780 PLC ±0.3 781 PLC ±0.3 782 PLC ±0.3 783 PLC ±0.3 784 PLC ±0.3 785 PLC ±0.3 786 PLC ±0.3 787 PLC ±0.3 788 PLC ±0.3 789 PLC ±0.3 790 PLC ±0.3 791 PLC ±0.3 792 PLC ±0.3 793 PLC ±0.3 794 PLC ±0.3 795 PLC ±0.3 796 PLC ±0.3 797 PLC ±0.3 798 PLC ±0.3 799 PLC ±0.3 800 PLC ±0.3 801 PLC ±0.3 802 PLC ±0.3 803 PLC ±0.3 804 PLC ±0.3 805 PLC ±0.3 806 PLC ±0.3 807 PLC ±0.3 808 PLC ±0.3 809 PLC ±0.3 810 PLC ±0.3 811 PLC ±0.3 812 PLC ±0.3 813 PLC ±0.3 814 PLC ±0.3 815 PLC ±0.3 816 PLC ±0.3 817 PLC ±0.3 818 PLC ±0.3 819 PLC ±0.3 820 PLC ±0.3 821 PLC ±0.3 822 PLC ±0.3 823 PLC ±0.3 824 PLC ±0.3 825 PLC ±0.3 826 PLC ±0.3 827 PLC ±0.3 828 PLC ±0.3 829 PLC ±0.3 830 PLC ±0.3 831 PLC ±0.3 832 PLC ±0.3 833 PLC ±0.3 834 PLC ±0.3 835 PLC ±0.3 836 PLC ±0.3 837 PLC ±0.3 838 PLC ±0.3 839 PLC ±0.3 840 PLC ±0.3 841 PLC ±0.3 842 PLC ±0.3 843 PLC ±0.3 844 PLC ±0.3 845 PLC ±0.3 846 PLC ±0.3 847 PLC ±0.3 848 PLC ±0.3 849 PLC ±0.3 850 PLC ±0.3 851 PLC ±0.3 852 PLC ±0.3 853 PLC ±0.3 854 PLC ±0.3 855 PLC ±0.3 856 PLC ±0.3 857 PLC ±0.3 858 PLC ±0.3 859 PLC ±0.3 860 PLC ±0.3 861 PLC ±0.3 862 PLC ±0.3 863 PLC ±0.3 864 PLC ±0.3 865 PLC ±0.3 866 PLC ±0.3 867 PLC ±0.3 868 PLC ±0.3 869 PLC ±0.3 870 PLC ±0.3 871 PLC ±0.3 872 PLC ±0.3 873 PLC ±0.3 874 PLC ±0.3 875 PLC ±0.3 876 PLC ±0.3 877 PLC ±0.3 878 PLC ±0.3 879 PLC ±0.3 880 PLC ±0.3 881 PLC ±0.3 882 PLC ±0.3 883 PLC ±0.3 884 PLC ±0.3 885 PLC ±0.3 886 PLC ±0.3 887 PLC ±0.3 888 PLC ±0.3 889 PLC ±0.3 890 PLC ±0.3 891 PLC ±0.3 892 PLC ±0.3 893 PLC ±0.3 894 PLC ±0.3 895 PLC ±0.3 896 PLC ±0.3 897 PLC ±0.3 898 PLC ±0.3 899 PLC ±0.3 900 PLC ±0.3 901 PLC ±0.3 902 PLC ±0.3 903 PLC ±0.3 904 PLC ±0.3 905 PLC ±0.3 906 PLC ±0.3 907 PLC ±0.3 908 PLC ±0.3 909 PLC ±0.3 910 PLC ±0.3 911 PLC ±0.3 912 PLC ±0.3 913 PLC ±0.3 914 PLC ±0.3 915 PLC ±0.3 916 PLC ±0.3 917 PLC ±0.3 918 PLC ±0.3 919 PLC ±0.3 920 PLC ±0.3 921 PLC ±0.3 922 PLC ±0.3 923 PLC ±0.3 924 PLC ±0.3 925 PLC ±0.3 926 PLC ±0.3 927 PLC ±0.3 928 PLC ±0.3 929 PLC ±0.3 930 PLC ±0.3 931 PLC ±0.3 932 PLC ±0.3 933 PLC ±0.3 934 PLC ±0.3 935 PLC ±0.3 936 PLC ±0.3 937 PLC ±0.3 938 PLC ±0.3 939 PLC ±0.3 940 PLC ±0.3 941 PLC ±0.3 942 PLC ±0.3 943 PLC ±0.3 944 PLC ±0.3 945 PLC ±0.3 946 PLC ±0.3 947 PLC ±0.3 948 PLC ±0.3 949 PLC ±0.3 950 PLC ±0.3 951 PLC ±0.3 952 PLC ±0.3 953 PLC ±0.3 954 PLC ±0.3 955 PLC ±0.3 956 PLC ±0.3 957 PLC ±0.3 958 PLC ±0.3 959 PLC ±0.3 960 PLC ±0.3 961 PLC ±0.3 962 PLC ±0.3 963 PLC ±0.3 964 PLC ±0.3 965 PLC ±0.3 966 PLC ±0.3 967 PLC ±0.3 968 PLC ±0.3 969 PLC ±0.3 970 PLC ±0.3 971 PLC ±0.3 972 PLC ±0.3 973 PLC ±0.3 974 PLC ±0.3 975 PLC ±0.3 976 PLC ±0.3 977 PLC ±0.3 978 PLC ±0.3 979 PLC ±0.3 980 PLC ±0.3 981 PLC ±0.3 982 PLC ±0.3 983 PLC ±0.3 984 PLC ±0.3 985 PLC ±0.3 986 PLC ±0.3 987 PLC ±0.3 988 PLC ±0.3 989 PLC ±0.3 990 PLC ±0.3 991 PLC ±0.3 992 PLC ±0.3 993 PLC ±0.3 994 PLC ±0.3 995 PLC ±0.3 996 PLC ±0.3 997 PLC ±0.3 998 PLC ±0.3 999 PLC ±0.3 1000 PLC ±0.3	NAME T01 MALE PLUG CONNECTOR LOWEST VERSION 3-8 POS. T01 STIFTSSTECKER LOWESTVERSION 3-8 POL. -	SIZE A	CASE CODE 00779	DRAWING NO. Z=14-37719-5	RESTRICTED TO MUR FÜR		
MATERIAL - 6		WEIGHT BEI WT -		CUSTOMER DRAWING /KUNDENZIEHNUNG		SCALE MASSSTAB -	SHEET BLATT -	1 OF 1 VON 1	REV B

Description

Where shielding is a requirement in medical or industrial applications there will be the use of TRIAD™01 a good decision. The small and lightweight system is available as panel mount headers with solid posts 180° and 90° for soldering on PC boards and also with solder cups for wire termination.

The PCB version has two board locks and the solder cup version has two solder tabs for grounding.

Through the three O-ring design on the panel mount connectors and in connection with the over-moulded cable assemblies, TRIAD™01 is a liquid and dust tight system according to IP65 protection class (DIN 40050). The reasonable shielding, the small diameters, the over-moulded connector with cable and the use of metallic parts makes TRIAD™01 also useable in harsh environments such as a factory where TRIAD™01 can be used in BUS applications such as CAN or MODULAR too.

Components such as T-Adapters and terminator plugs with a resistor are also available in different colors upon request (e.g. yellow and purple).

Specifications

Shell Protection Class (nested condition): IP65 acc. DIN 40050

Temperature Range: -40°C to +85°C

Mating Cycles: ≤500

Test Voltage: 625 V AC

Operating Voltage: 60 V AC

Contact Resistance: < 6 m ohm

Interlock: Screw Type

TRIAD™ 01

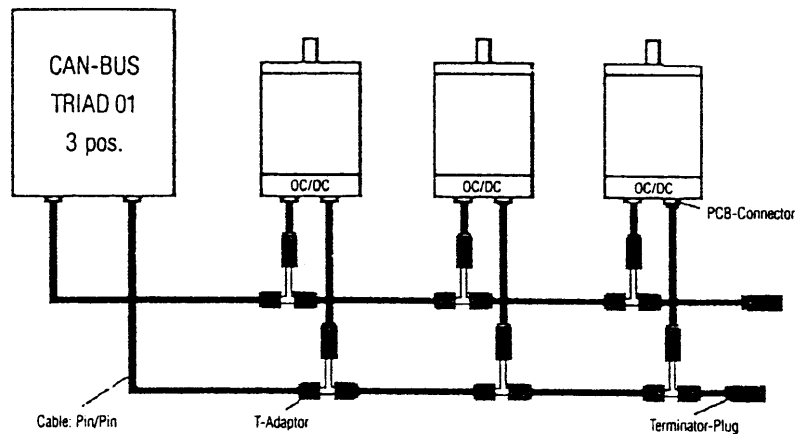
130-722 TO 131-090

TRIAD 01 is a subminiature circular connector system which can be used for applications where shielding is a requirement. Beside the excellent shielding properties of TRIAD01 there is also a good resistance against UV beams because of the OPTALOY® plating for all metal shell parts. TRIAD01 is a liquid- and dust-tight system according to IP65 protection-class (DIN 40050).

4

A 3xO-ring design of the TRIAD01 panel-mount-connectors is ideal for using the TRIAD01 system in smoke-analysis applications. Special T-adaptors with either a TRIAD01 connector or a SUB-D connector as Interface-Plug are offering the usage of TRIAD01 for BUS wiring like for a CAN- or for a MOD-BUS. Both systems consist of 3 items:

- 1 The T-Adaptor
- 2 The "Trunk"-Cable – an overmoulded cable with 2 male connectors
- 3 Terminator-Plug

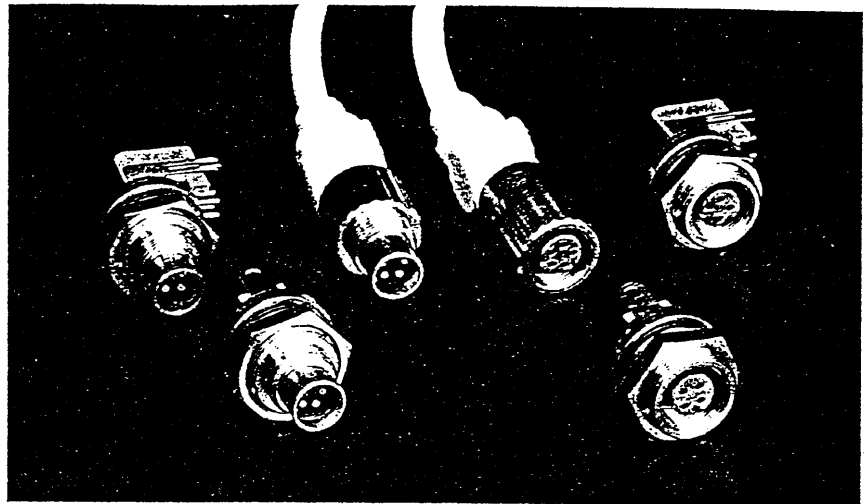


TRIAD™ 01

Shielded Subminiature

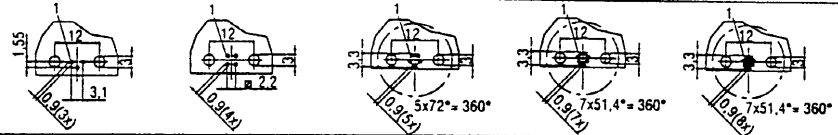
Circular Connectors

Panel Mount Version

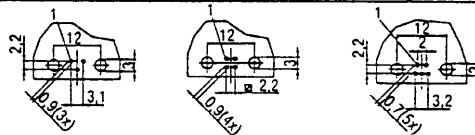


PCB layout for max. 1.6 mm thickness
(only for PCB pinversions)

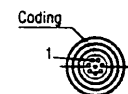
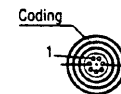
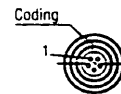
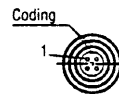
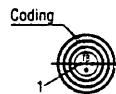
180°



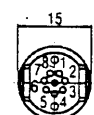
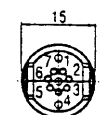
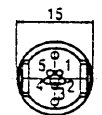
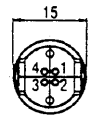
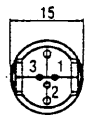
90°



Arrangement of Contacts/Mating side
pinversion.



Arrangement of Contacts/
Termination side pinversion.
(For sockets, arrangement is mirror
image of pin version)



No. of Contacts

3

4

5

7

8

Catalogue No.

Panel Mount 180° PCB version, pin	T01-0570-P03	T01-0570-P04	T01-0570-P05	T01-0570-P07	T01-0570-P08
Panel Mount 180° PCB version, socket	T01-0570-S03	T01-0570-S04	T01-0570-S05	T01-0570-S07	T01-0570-S08
Panel Mount 90° PCB version, pin	T01-0560-P03	T01-0560-P04	T01-0560-P05	—	—
Panel Mount 90° PCB version, socket	T01-0560-S03	T01-0560-S04	T01-0560-S05	—	—
Panel Mount 180° Handsolder version, pin	T01-0580-P03	T01-0580-P04	T01-0580-P05	T01-0580-P07	T01-0580-P08
Panel Mount 180° Handsolder version, pocket	T01-0580-S03	T01-0580-S04	T01-0580-S05	T01-0580-S07	T01-0580-S08

Technical Data

Termination	Soldering				
Plating	Tribor 4 µm				
Dielectric of insert	PBT UL 94-V2				
Shell protection class	IP 65 acc. DIN 40050				
Shell material	CuZn				
Operating temperature range	-40 °C to +85 °C				
Mating cycles	> 500				
Wire gage	max. 0.25 mm²		max. 0.14 mm²		
Rated current per contact	3 A		1 A		
Test voltage	500 V AC		500 V AC		
Operating voltage	60 V AC		60 V AC		
Contact resistance	< 3 m Ω		< 5 m Ω		

Priority type available from stock

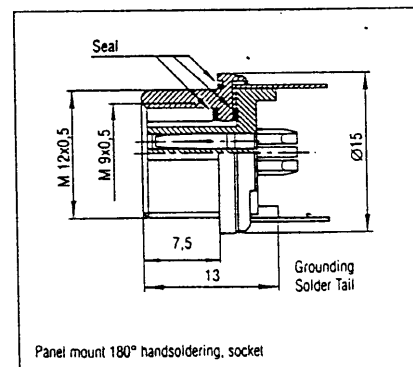
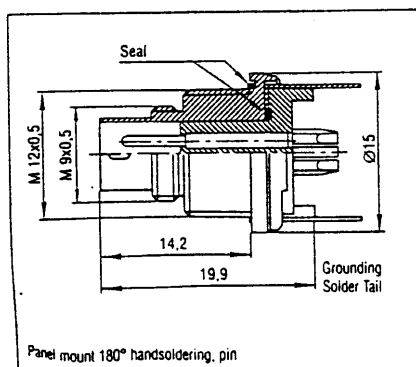
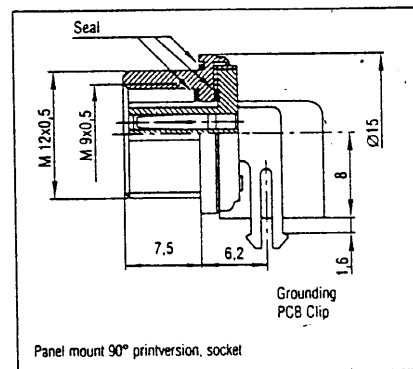
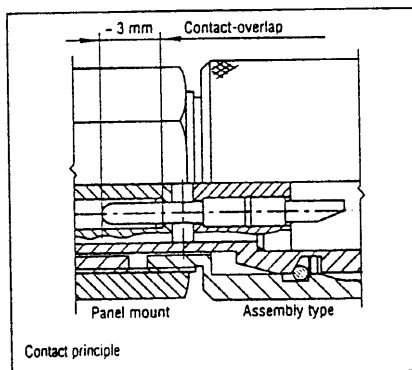
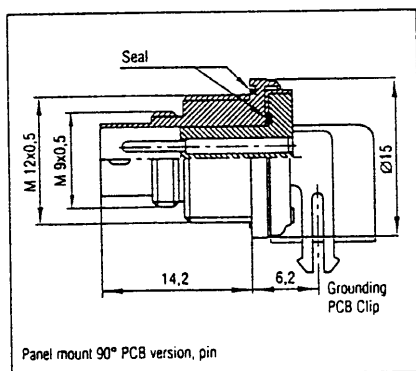
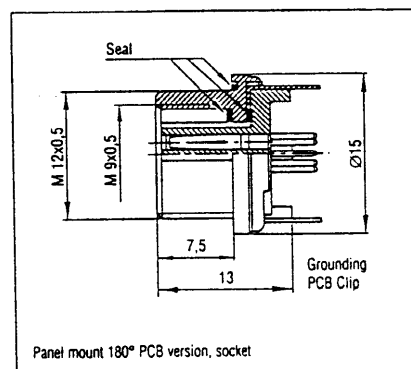
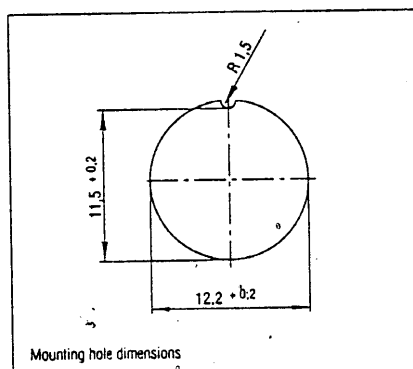
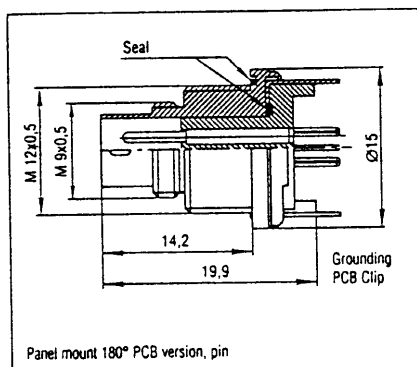
Minimum unit quantity: 25 pieces (500 pcs)

TRIAD™ 01

Shielded Subminiature

Circular Connectors

Panel Mount Version

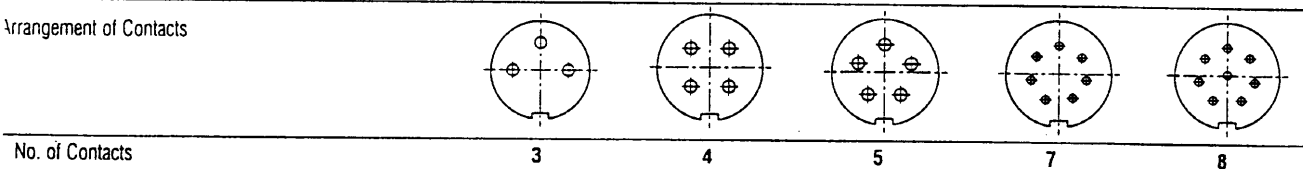
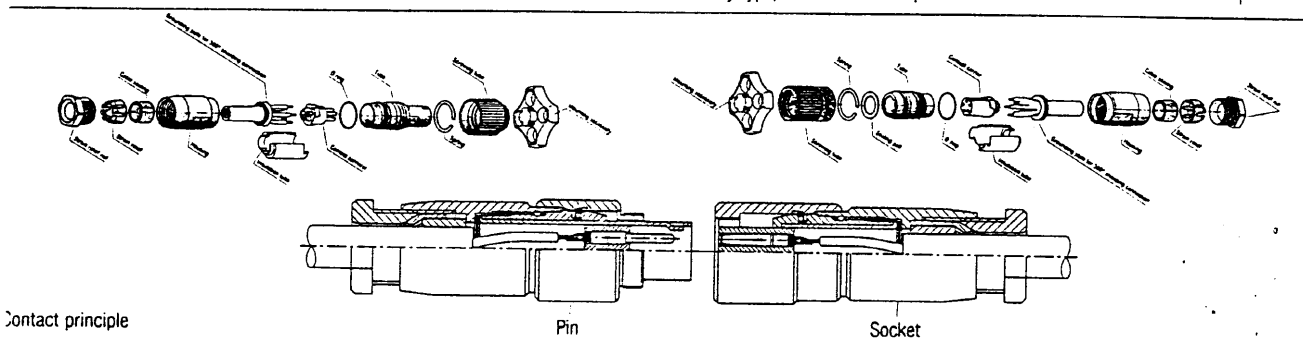
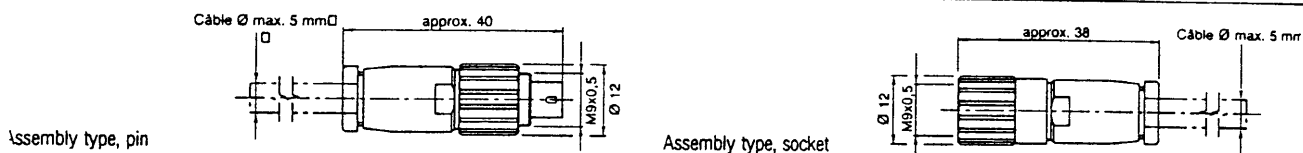


TRIAD™ 01

Shielded Subminiature

Circular Connectors

Cable Mount Plugs



No. of Contacts	3	4	5	7	8
	Catalogue No.				
Assembly type, pin	T01-0550-P03	T01-0550-P04	T01-0550-P05	T01-0550-P07	T01-0550-P08
Assembly type, socket	T01-0550-S03	T01-0550-S04	T01-0550-S05	T01-0550-S07	T01-0550-S08

Technical Data	3	4	5	7	8
Termination	Soldering				
Plating	Tribor 4 µm				
Dielectric of insert	PBT UL 94-V2				
Shell protection class	IP65 acc. DIN 40050				
Shell material	CuZn				
Operating temperature range	-40 °C to +85 °C				
Mating cycles	> 500				
Wire gage		max. 0.25 mm²			max. 0.14 mm²
Rated current per contact		3 A			1 A
Test voltage		500 VAC			500 VAC
Operating voltage		60 VAC			60 VAC
Contact resistance		< 3 mΩ			< 5 mΩ

Priority type available from stock

Minimum unit quantity: 25 pieces

14

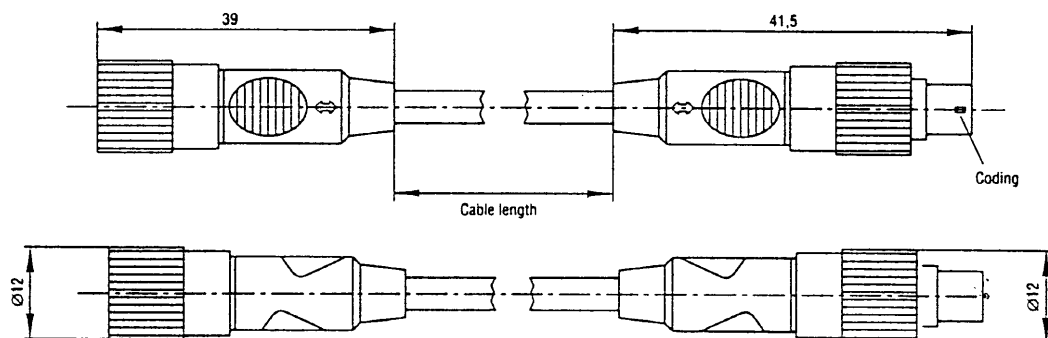
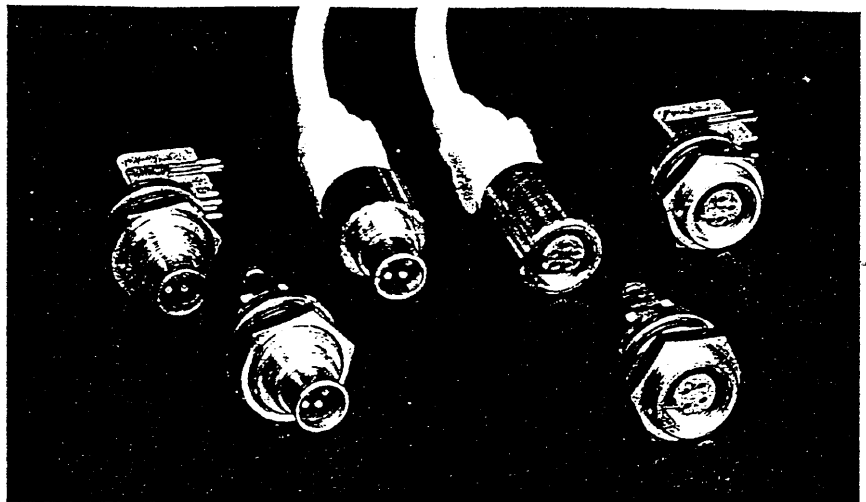
TRIAD™ 01

Shielded Subminiature

Circular Connectors

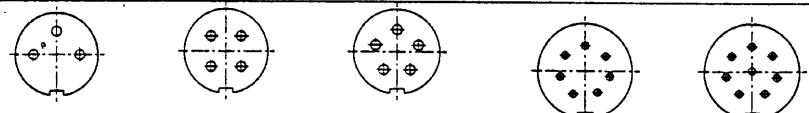
Cable assemblies

with overmoulded Connectors



Cable with overmoulded connector

Arrangement of Contacts



No. of Contacts	3	4	5	7	8
Catalogue No.					
Cable length 1 m	T01-0599-B03-A	T01-0599-B04-A	T01-0599-B05-A	T01-0599-B07-A	T01-0599-B08-A
Cable length 3 m	T01-0599-B03-B	T01-0599-B04-B	T01-0599-B05-B	T01-0599-B07-B	T01-0599-B08-B
Cable length 5 m	T01-0599-B03-C	T01-0599-B04-C	T01-0599-B05-C	T01-0599-B07-C	T01-0599-B08-C
Technical Data					
Termination	Soldering				
Plating	Tribor 4 µm				
Dielectric of insert	PBT UL 94-V2				
Shell protection class	IIP65 acc. DIN 40050				
Shell material	CuZn				
Operating temperature range	-40 °C to +85 °C				
Mating cycles	> 500				
Wire gage	max. 0.25 mm ²		max. 0.14 mm ²		
Rated current per contact	3 A		1 A		
Test voltage	500 VAC		500 VAC		
Operating voltage	60 VAC		60 VAC		
Contact resistance	< 3 mΩ		< 5 mΩ		

Priority type available from stock

Minimum unit quantity: 10 pieces

TRIAD™ 01

Shielded Subminiature

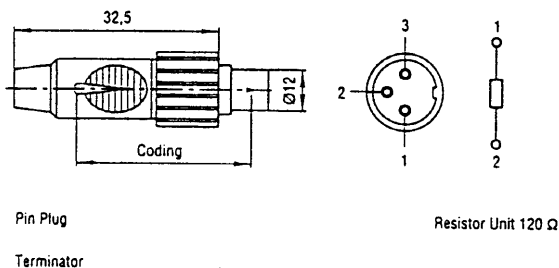
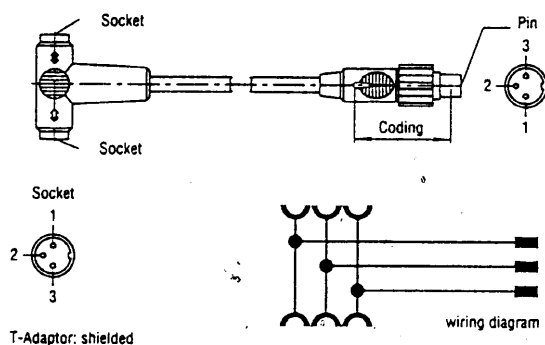
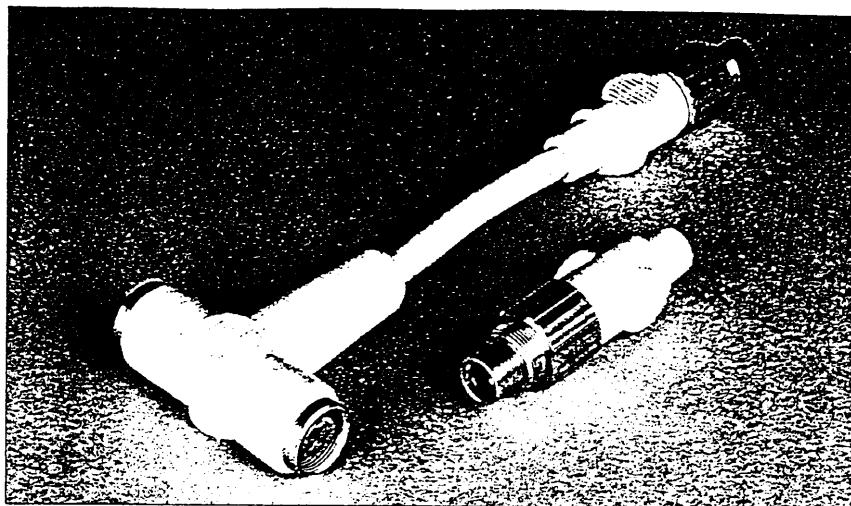
Circular Connectors

Accessories and Specials

CAN-BUS Components:

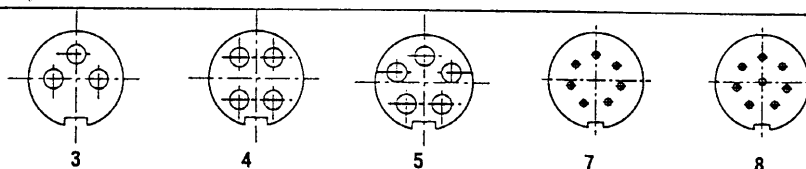
Non-interrupted Power

Supply for Network Devices



Cable assemblies, with overmoulded connectors: shielded

Arrangement of Contacts



No. of Contacts

Catalogue No.

T-Adaptor	T01-05T-SSP03-T	T01-05T-SSP04-T	T01-05T-SSP05-T	T01-05T-SSP07-T	T01-05T-SSP08-T
Terminator Resistor Unit	T01-05R-P03-120	-	-	-	-
Technical Data	3	4	5	7	8
Termination	Soldering				
Plating	Tribor 4 µm				
Dielectric of insert	PBT UL 94-V2				
Shell protection class	IP65 acc. DIN 40050				
Shell material	CuZn				
perating temperature range	-40 °C to +85 °C				
Mating cycles	> 500				
Wire gage	max. 0.25 mm²				
Rated current per contact	3 A				
Test voltage	500 VAC				
Operating voltage	60 VAC				
Contact resistance	< 3 mΩ				

Priority type available from stock

Minimum unit quantity: 25 pieces

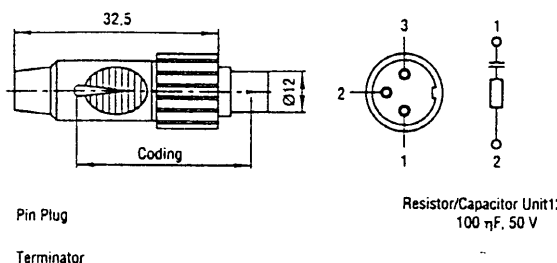
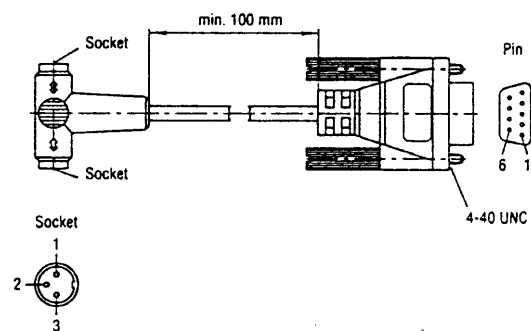
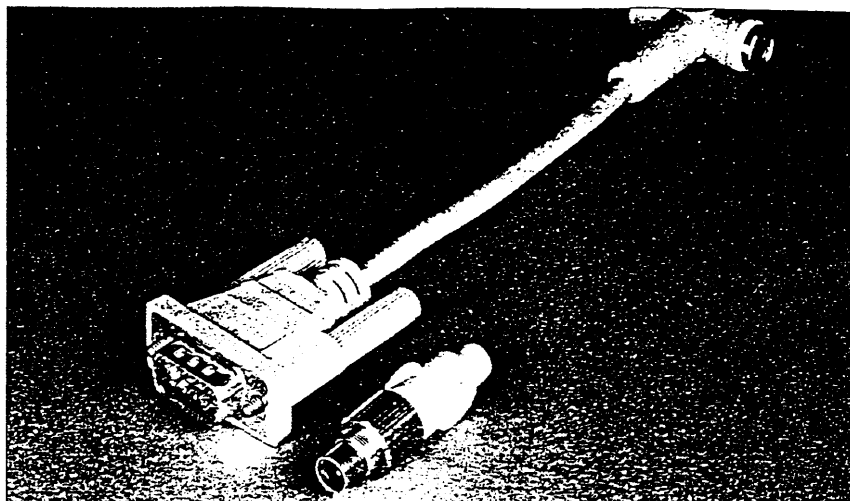
TRIAD™ 01

Shielded Subminiature

Circular Connectors

Accessories and Specials

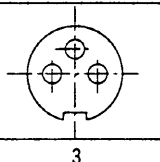
MOD-BUS Components



MOD-BUS-Adaptor: shielded

Cable assemblies, with overmoulded connectors: shielded

Arrangement of Contacts



No. of Contacts

3

Catalogue No.

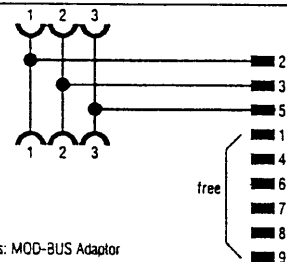
MOD-BUS Adaptor

T01-05T-MOD03-T

Terminator Resistor/Capacitor Unit

T01-05R-P03-RC

Assignment of Contacts: MOD-BUS Adaptor



Technical Data

3

Termination

Soldering

Plating

Tribor 4 µm

Dielectric of insert

PBT UL 94-V2

Shell protection class

IP65 acc. DIN 40050

Shell material

CuZn

Operating temperature range

-40 °C to +85 °C

Mating cycles

> 500

Wire gage

max. 0.25 mm²

Rated current per contact

3 A

Test voltage

500 VAC

Operating voltage

60 VAC

Contact resistance

< 3 mΩ

TRIAD™ 01

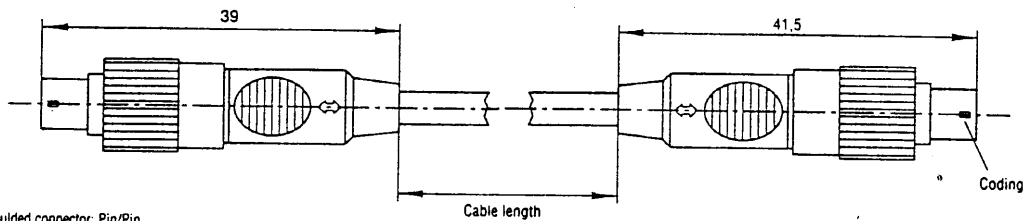
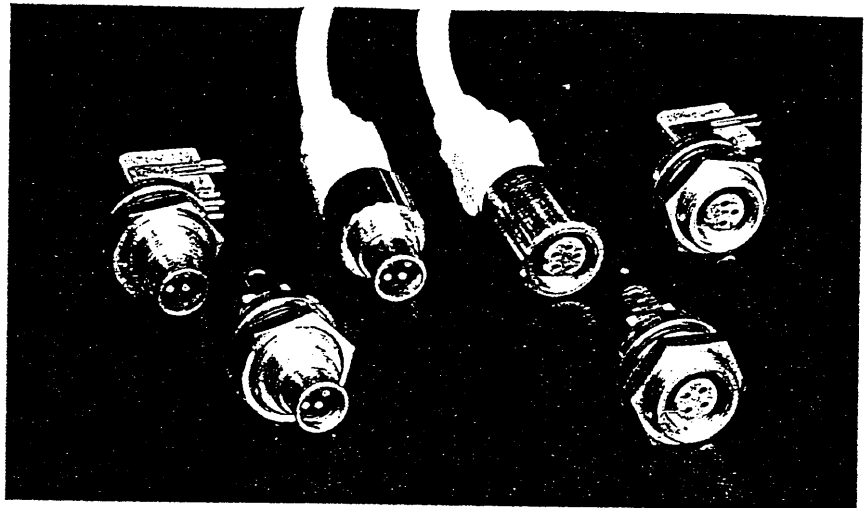
Shielded Subminiature

Circular Connectors

Accessories and Specials

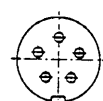
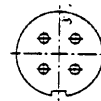
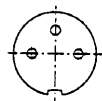
BUS-Cable Assemblies

with Overmoulded Connectors



Cable with overmoulded connector: Pin/Pin

Arrangement of Contacts



No. of Contacts	3	4	5
	Catalogue No.		
Cable length 0.5 m	T01-0599-PP03-F	T01-0599-PP04-F	T01-0599-PP05-F
Cable length 1 m	T01-0599-PP03-A	T01-0599-PP04-A	T01-0599-PP05-A
Cable length 2 m	T01-0599-PP03-E	T01-0599-PP04-E	T01-0599-PP05-E
Cable length 5 m	T01-0599-PP03-C	T01-0599-PP04-C	T01-0599-PP05-C
Technical Data	3	4	5
Termination		Soldering	
Plating		Tribor 4 µm	
Dielectric of insert		PBT UL 94-V2	
Shell protection class		IIIP65 acc. DIN 40050	
Shell material		CuZn	
Operating temperature range		-40 °C to +85 °C	
Mating cycles		> 500	
Wire gage		max. 0.25 mm²	
Rated current per contact		3 A	
Test voltage		500 VAC	
Operating voltage		60 VAC	
Contact resistance		< 3 mΩ	

Priority type available from stock

Minimum unit quantity: 25 pieces

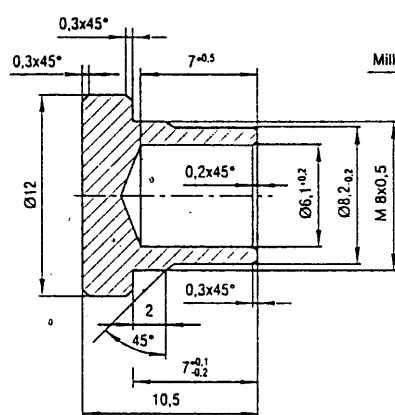
TRIAD™ 01

Shielded Subminiature

Circular Connectors

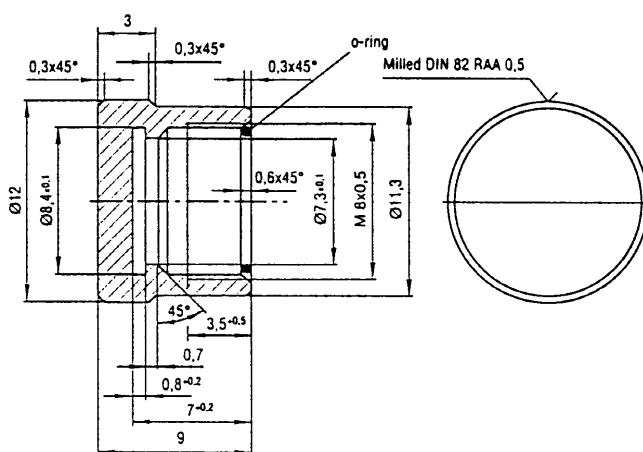
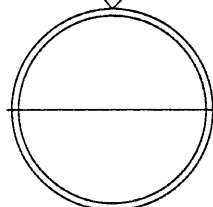
Accessories and Specials

Dust Caps



Dust cap: for socket connectors

Milled DIN 82 RAA 0,5



Dust cap: for pin connectors

No. of Contacts	3	4	5	7	8
	Catalogue No.				
For Pin Plugs	T01-0500-P				
For Socket Connectors	T01-0500-S				
Technical Data	3	4	5	7	8
Shell protection class	IP 65 acc. DIN 40050				
Shell material	CuZn				
Operating temperature range	-40 °C to +85 °C				

Priority type available from stock

Minimum unit quantity: 25 pieces