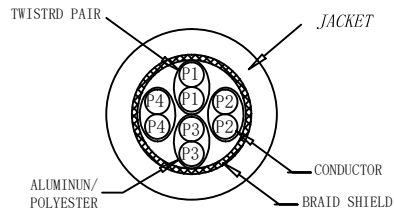
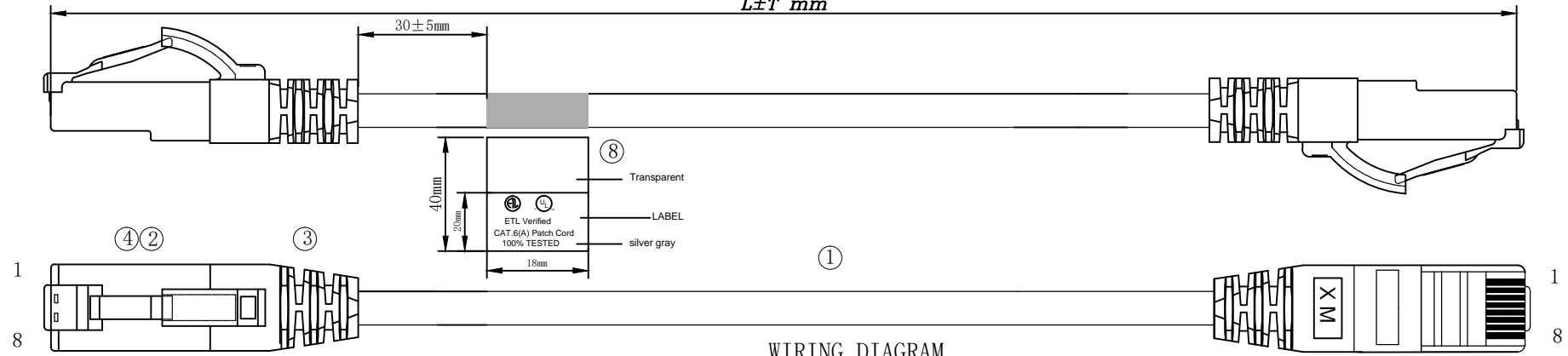
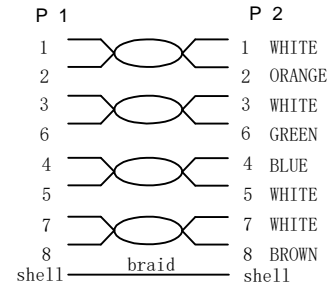


L±T mm



WIRING DIAGRAM



MATERIAL LIST:

| | | | | |
|-----|-------------|---|-------|--------|
| ⑧ | CABLE LABEL | No Dry Glue Label Color:silver grey + Transparent | 1PCS | |
| ⑦ | PE BAG | SYNERGY 21 SLIP PE BAG | 1PCS | |
| ⑥ | LABEL | NO DRY GLUE LABEL | 1PCS | |
| ⑤ | MINI TIE | PE MINI TIE(POSSESS METAL) | 2PCS | |
| ④ | Insert | (I 1.1 V2)POLYCARBONATE INSERT 6+2 TRANSPARENT | 2PCS | |
| ③ | OVER MOLD | PVC 75A | 8PCS | |
| ② | PLUG | POLYCARBONATE RJ45 8P8C PIN GOLD PLATED 3U", LONG BODY, TRANSPARENT BLUE | 2PCS | |
| ① | CABLE | S/FTP CAT. 6A 26AWG (BC+AL-FOIL)*4PAIR+Braid(AL-MG)+LSZH/90A OD:6.2±0.2MM | 1PCS | |
| NO. | PARTS NAME | SPECIFICATION STANDARD | QT' Y | REMARK |

NOTE:

- ELECTRICAL TEST:
 - 100% OPEN SHORT, MISS WIRE TEST
 - INSULATION RESISTANCE:DC 300V 10M Ohm;
 - CONTACTOR RESISTANCE:1 OHM per meter
- FLUKE TEST:CAT.6A channel test with four connectors
TEST LIMIT:ISO11801 Channel Class EA
- Working temperature:-10°C ~ + 60°C
- Storage temperature:-20°C~+75°C
- ROHS2.0 AND REACH COMPLIANT
- Support PoE+ per IEEE 802.3at, Max to 30 Watt
- SPRAY WORD:CAT. 6A S/FTP LSZH 500MHz ISO/IEC 11801 & EN 50173-1 & ANSI/TIA-568-C. 2 www. Synergy21. de **CE**
- PACKING: 1PCS+Test Report /SYNERGY 21 SLIP PE BAG+LABEL

SYNERGY 21

| | | | | | | | | | | | |
|----|-----|--|--|------------|------|--------------|--------------------------|----------------------|---------------|------------|----|
| | | ADD POE Information | | 2017-02-06 | A2 | CUSTOMER | | ITEM NO. | See The Chart | | |
| | | ADD "CE" AMRK IN THE PRINT, CHANGE OD 6.5MM TO 6.2MM | | 2016-01-11 | A1 | PRODUCT NAME | CAT. 6A S/FTP PATCH CORD | manufacture country: | CHINA | UNIT | MM |
| | | NEW | | 2016-01-08 | A | DRAWNBY | CHECKBY | APPROVE | DATE | | |
| BY | CHK | REVISION RECORD MODIFICATIONS | | | DATE | REV. | SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | 2016-01-08 | |

Chart:

| COLOR:GREY PANTONE 421C | | | COLOR:YELLOW PANTONE 135C | | | COLOR:GREEN PANTONE 3278C | | | COLOR:blue PANTONE 647C | | |
|-------------------------|-----------|------------------|---------------------------|-----------|------------------|---------------------------|-----------|------------------|-------------------------|-----------|------------------|
| ITEM | LENGTH/mm | PACKING | ITEM | LENGTH/mm | PACKING | ITEM | LENGTH/mm | PACKING | ITEM | LENGTH/mm | PACKING |
| S216390 | 150±10 | SYNERGY 21 A Bag | S216391 | 150±10 | SYNERGY 21 A Bag | S216392 | 150±10 | SYNERGY 21 A Bag | S216393 | 150±10 | SYNERGY 21 A Bag |
| S216400 | 250±10 | SYNERGY 21 A Bag | S216415 | 250±10 | SYNERGY 21 A Bag | S216430 | 250±10 | SYNERGY 21 A Bag | S216445 | 250±10 | SYNERGY 21 A Bag |
| S216401 | 500±15 | SYNERGY 21 A Bag | S216416 | 500±15 | SYNERGY 21 A Bag | S216431 | 500±15 | SYNERGY 21 A Bag | S216446 | 500±15 | SYNERGY 21 A Bag |
| S216402 | 1000±20 | SYNERGY 21 B Bag | S216417 | 1000±20 | SYNERGY 21 B Bag | S216432 | 1000±20 | SYNERGY 21 B Bag | S216447 | 1000±20 | SYNERGY 21 B Bag |
| S216403 | 1500±30 | SYNERGY 21 B Bag | S216418 | 1500±30 | SYNERGY 21 B Bag | S216433 | 1500±30 | SYNERGY 21 B Bag | S216448 | 1500±30 | SYNERGY 21 B Bag |
| S216404 | 2000±30 | SYNERGY 21 B Bag | S216419 | 2000±30 | SYNERGY 21 B Bag | S216434 | 2000±30 | SYNERGY 21 B Bag | S216449 | 2000±30 | SYNERGY 21 B Bag |
| S216405 | 3000±50 | SYNERGY 21 B Bag | S216420 | 3000±50 | SYNERGY 21 B Bag | S216435 | 3000±50 | SYNERGY 21 B Bag | S216450 | 3000±50 | SYNERGY 21 B Bag |
| S216406 | 5000±100 | SYNERGY 21 B Bag | S216421 | 5000±100 | SYNERGY 21 B Bag | S216436 | 5000±100 | SYNERGY 21 B Bag | S216451 | 5000±100 | SYNERGY 21 B Bag |
| S216407 | 7500±200 | SYNERGY 21 B Bag | S216422 | 7500±200 | SYNERGY 21 B Bag | S216437 | 7500±200 | SYNERGY 21 B Bag | S216452 | 7500±200 | SYNERGY 21 B Bag |
| S216408 | 10000±200 | SYNERGY 21 C Bag | S216423 | 10000±200 | SYNERGY 21 C Bag | S216438 | 10000±200 | SYNERGY 21 C Bag | S216453 | 10000±200 | SYNERGY 21 C Bag |
| S216409 | 15000±300 | SYNERGY 21 C Bag | S216424 | 15000±300 | SYNERGY 21 C Bag | S216439 | 15000±300 | SYNERGY 21 C Bag | S216454 | 15000±300 | SYNERGY 21 C Bag |
| S216410 | 20000±300 | SYNERGY 21 C Bag | S216425 | 20000±300 | SYNERGY 21 C Bag | S216440 | 20000±300 | SYNERGY 21 C Bag | S216455 | 20000±300 | SYNERGY 21 C Bag |
| S216411 | 25000±300 | SYNERGY 21 C Bag | S216426 | 25000±300 | SYNERGY 21 C Bag | S216441 | 25000±300 | SYNERGY 21 C Bag | S216456 | 25000±300 | SYNERGY 21 C Bag |
| S216412 | 30000±300 | SYNERGY 21 D Bag | S216427 | 30000±300 | SYNERGY 21 D Bag | S216442 | 30000±300 | SYNERGY 21 D Bag | S216457 | 30000±300 | SYNERGY 21 D Bag |
| S216413 | 40000±500 | SYNERGY 21 D Bag | S216428 | 40000±500 | SYNERGY 21 D Bag | S216443 | 40000±500 | SYNERGY 21 D Bag | S216458 | 40000±500 | SYNERGY 21 D Bag |
| S216414 | 50000±500 | SYNERGY 21 D Bag | S216429 | 50000±500 | SYNERGY 21 D Bag | S216444 | 50000±500 | SYNERGY 21 D Bag | S216459 | 50000±500 | SYNERGY 21 D Bag |

| | | | | | | | | | | |
|----|-----|---|------------|------|-------------------|--------------------------|----------------------|---------------|------|----|
| | | Add 0.15m | 2016-10-25 | A4 | SYNERGY 21 | | | | | |
| | | Change 7/0.15BC TO 7/0.145BC ADN BRAID 80 TO 64 | 2015-10-15 | A3 | | | | | | |
| | | Change gray colour warm gray 3C to 421C | 2015-06-15 | A2 | CUSTOMER | | ITEM NO. | See The Chart | | |
| | | Change copper shell to iron shell | 2015-06-10 | A1 | PRODUCT NAME | CAT. 6A S/FTP PATCH CORD | manufacture country: | CHINA | UNIT | MM |
| | | NEW | 2015-01-20 | A | DRAWNBY | CHECKBY | APPROVE | DATE | | |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE | REV. | | | | 2015-01-20 | | |

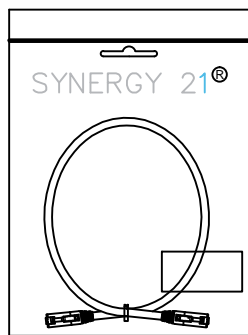
| COLOR:RED PANTONE 199C | | |
|------------------------|-----------|------------------|
| ITEM | LENGTH/mm | PACKING |
| S216394 | 150±10 | SYNERGY 21 A Bag |
| S216460 | 250±10 | SYNERGY 21 A Bag |
| S216461 | 500±15 | SYNERGY 21 A Bag |
| S216462 | 1000±20 | SYNERGY 21 B Bag |
| S216463 | 1500±30 | SYNERGY 21 B Bag |
| S216464 | 2000±30 | SYNERGY 21 B Bag |
| S216465 | 3000±50 | SYNERGY 21 B Bag |
| S216466 | 5000±100 | SYNERGY 21 B Bag |
| S216467 | 7500±200 | SYNERGY 21 B Bag |
| S216468 | 10000±200 | SYNERGY 21 C Bag |
| S216469 | 15000±300 | SYNERGY 21 C Bag |
| S216470 | 20000±300 | SYNERGY 21 C Bag |
| S216471 | 25000±300 | SYNERGY 21 C Bag |
| S216472 | 30000±100 | SYNERGY 21 D Bag |
| S216473 | 40000±500 | SYNERGY 21 D Bag |
| S216474 | 50000±500 | SYNERGY 21 D Bag |

| COLOR:WHITE | | |
|-------------|-----------|------------------|
| ITEM | LENGTH/mm | PACKING |
| S216395 | 150±10 | SYNERGY 21 A Bag |
| S216475 | 250±10 | SYNERGY 21 A Bag |
| S216476 | 500±15 | SYNERGY 21 A Bag |
| S216477 | 1000±20 | SYNERGY 21 B Bag |
| S216478 | 1500±30 | SYNERGY 21 B Bag |
| S216479 | 2000±30 | SYNERGY 21 B Bag |
| S216480 | 3000±50 | SYNERGY 21 B Bag |
| S216481 | 5000±100 | SYNERGY 21 B Bag |
| S216482 | 7500±200 | SYNERGY 21 B Bag |
| S216483 | 10000±200 | SYNERGY 21 C Bag |
| S216484 | 15000±300 | SYNERGY 21 C Bag |
| S216485 | 20000±300 | SYNERGY 21 C Bag |
| S216486 | 25000±300 | SYNERGY 21 C Bag |
| S216487 | 30000±300 | SYNERGY 21 D Bag |
| S216488 | 40000±500 | SYNERGY 21 D Bag |
| S216489 | 50000±500 | SYNERGY 21 D Bag |

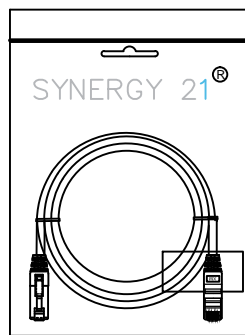
| COLOR:BLACK PANTONE BLACK 3C | | |
|------------------------------|-----------|------------------|
| ITEM | LENGTH/mm | PACKING |
| S216396 | 150±10 | SYNERGY 21 A Bag |
| S216490 | 250±10 | SYNERGY 21 A Bag |
| S216491 | 500±15 | SYNERGY 21 A Bag |
| S216492 | 1000±20 | SYNERGY 21 B Bag |
| S216493 | 1500±30 | SYNERGY 21 B Bag |
| S216494 | 2000±30 | SYNERGY 21 B Bag |
| S216495 | 3000±50 | SYNERGY 21 B Bag |
| S216496 | 5000±100 | SYNERGY 21 B Bag |
| S216497 | 7500±200 | SYNERGY 21 B Bag |
| S216498 | 10000±200 | SYNERGY 21 C Bag |
| S216499 | 15000±300 | SYNERGY 21 C Bag |
| S216500 | 20000±300 | SYNERGY 21 C Bag |
| S216501 | 25000±300 | SYNERGY 21 C Bag |
| S216502 | 30000±100 | SYNERGY 21 D Bag |
| S216503 | 40000±500 | SYNERGY 21 D Bag |
| S216504 | 50000±500 | SYNERGY 21 D Bag |

| COLOR:Orange PANTONE 1575C | | |
|----------------------------|-----------|------------------|
| ITEM | LENGTH/mm | PACKING |
| S216505 | 250±10 | SYNERGY 21 A Bag |
| S216506 | 500±15 | SYNERGY 21 A Bag |
| S216507 | 1000±20 | SYNERGY 21 B Bag |
| S216508 | 1500±30 | SYNERGY 21 B Bag |
| S216509 | 2000±30 | SYNERGY 21 B Bag |
| S216510 | 3000±50 | SYNERGY 21 B Bag |
| S216511 | 5000±100 | SYNERGY 21 B Bag |
| S216512 | 7500±200 | SYNERGY 21 B Bag |
| S216513 | 10000±200 | SYNERGY 21 C Bag |
| S216514 | 15000±300 | SYNERGY 21 C Bag |
| S216515 | 20000±300 | SYNERGY 21 C Bag |
| S216516 | 25000±300 | SYNERGY 21 C Bag |
| S216517 | 30000±300 | SYNERGY 21 D Bag |
| S216518 | 40000±500 | SYNERGY 21 D Bag |
| S216519 | 50000±500 | SYNERGY 21 D Bag |

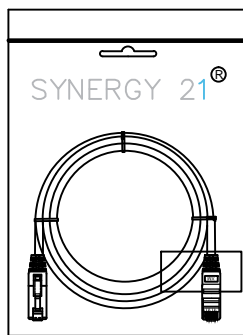
| | | | | | | | | | | |
|----|-----|---|------------|------|--------------|--------------------------|----------------------|---------------|------|----|
| | | Add 0.15m | 2016-10-25 | A4 | SYNERGY 21 | | | | | |
| | | Change 7/0.15BC TO 7/0.145BC ADN BRAID 80 TO 64 | 2015-10-15 | A3 | | | | | | |
| | | Change gray colour warm gray 3C to 421C | 2015-06-15 | A2 | CUSTOMER | | ITEM NO. | See The Chart | | |
| | | Change copper shell to iron shell | 2015-06-10 | A1 | PRODUCT NAME | CAT. 6A S/FTP PATCH CORD | manufacture country: | CHINA | UNIT | MM |
| | | NEW | 2015-01-20 | A | DRAWNBY | CHECKBY | APPROVE | DATE | | |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE | REV. | SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | 2015-01-20 | | |



L ≤ 0.5M

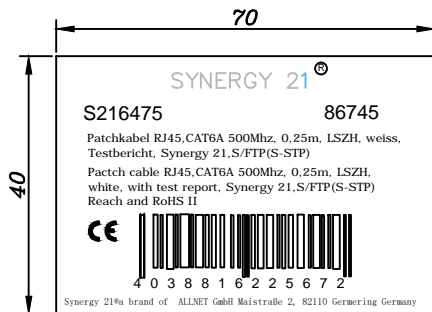


0.5M < L ≤ 7.5

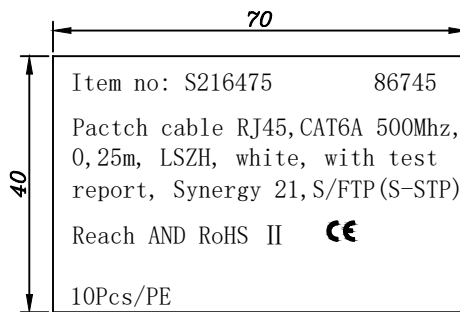


7.5 < L

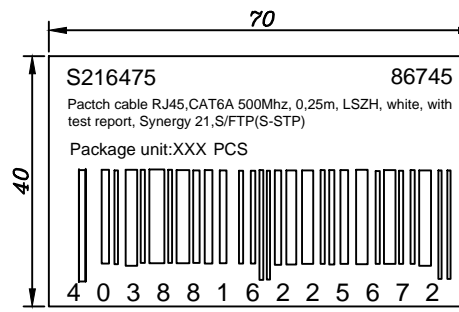
Labeling example 1



Labeling example 2



Labeling example 3



SYNERGY 2: Colour pantone 877C
 1: Colour pantone 298C
 ® Colour pantone Black
 Bag thickness single side: 0.05mm

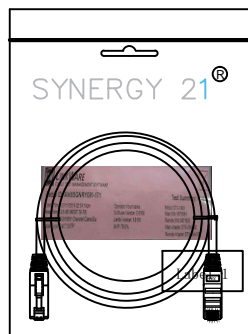
CE length and height Must > 5mm

master mark

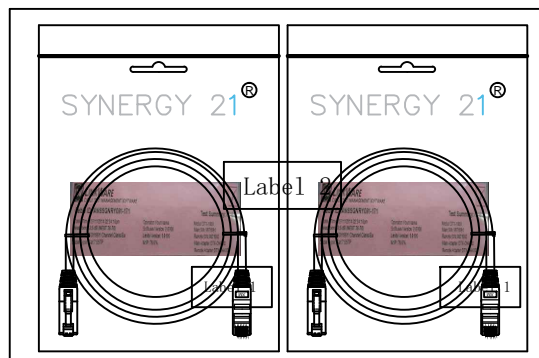
side mark

PO NO. :
 Cat. 6A S/FTP
 Length:
 Colour:
 C/NO. :
 REACH+RoHS 2.0 Compliant
 MADE IN CHINA

Item no:
 Cat. 6A S/FTP
 Length:
 Colour:
 Q' TY:
 N. W:
 G. W:
 MEAS:

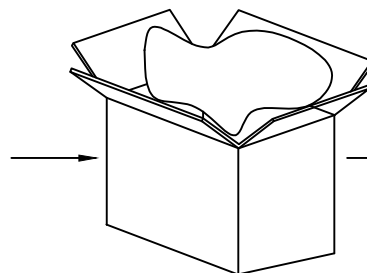


1pcs/SYNERGY 21 Bag+test report+label 1



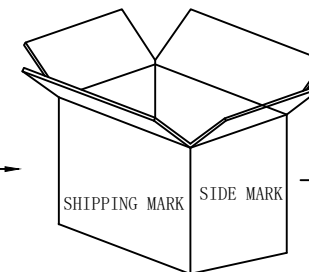
L ≤ 5M: 1pcs/SYNERGY 21 Bag+test report+label 1, 10pcs/pe bag+label 2
 5m < L ≤ 10M: 1pcs/SYNERGY 21 Bag+test report+label 1, 5pcs/pe bag+label 2
 10m < L: 1pcs/SYNERGY 21 Bag+label 1, without pe bag

Inter Carton+waterproof bag

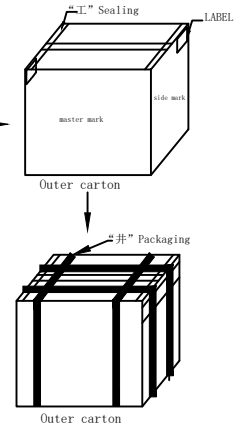


Inner carton: Single wall corrugated board

Outer Carton



Outer carton: Double wall corrugated board



SYNERGY 21

| | | | | | | | | | |
|----|-----|---|------------|------|--------------|------------|----------------------|------------|---------------|
| | | | | | | | | | |
| | | Change gray colour warm gray 3C to 421C | 2015-06-15 | A2 | CUSTOMER | | | ITEM NO. | See The Chart |
| | | Change copper shell to iron shell | 2015-06-10 | A1 | PRODUCT NAME | PACKING | manufacture country: | CHINA | UNIT |
| | | NEW | 2015-01-20 | A | DRAWNBY | CHECKBY | APPROVE | | DATE |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE | REV. | SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | 2015-01-20 |

Zertifikat

Nr. z3341c-13-D

Auftraggeber:

ALLNET GmbH
Maistraße 2
82110 Germering, Deutschland

Kategorie 6A

Prüfling(e):

Anschluss- & Rangierschnur :
ALLNET Patchkabel RJ45 CAT6A 500Mhz S-STP(S/FTP), Synergy 21
Art.-Nr.: S216400-S216519 (0,25m ... 10m)

Bewertungsstandard(s):

ISO/IEC 11801 Ed.2.2 (2011-06)
IEC 61935-2 Ed. 3.0 (2010-07)

Resultat:

Der Prüfling hält bei den im Prüfbericht genannten Prüfparametern die Grenzwerte der besagten Vorgabedokumente ein.

Anschluss- & Rangierschnur, Kategorie 6a

Die bei der Prüfung ermittelten Ergebnisse beziehen sich auf den beschriebenen und vom Auftraggeber vorgelegten Prüfling. Zukünftige technische Änderungen der geprüften Produkte unterliegen dem Verantwortungsbereich der Hersteller.

Dieses Zertifikat verweist auf den ausführlichen Prüfbericht Nr. P3341c-13-D und ist nur in Verbindung mit diesem gültig.

Bexbach, 21. August 2013



Dipl.-Ing. Dirk Wilhelm
(Vorstandsvorsitzender)



GHMT AG

In der Kolling 13
D-66450 Bexbach

Postfach 11 16
D-66442 Bexbach

T: +49 6826 92 28-0
F: +49 6826 92 28-290

info@ghmt.de
www.ghmt.de

HOCHVERFÜGBARKEIT IM GANZEN
BEDINGT PRÄZISION IM DETAIL.