



AFM60A-BENB Sales-Kit 02

AFS/AFM60 PROFINET

ABSOLUTE ENCODERS

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

| Type | Part no. |
|--------------------------|----------|
| AFM60A-BENB Sales-Kit 02 | 1059376 |

Other models and accessories → www.sick.com/AFS_AFM60_PROFINET

Detailed technical data

Features

| | |
|------------------|-----------|
| Specialty | Sales Kit |
|------------------|-----------|

Performance



| | |
|---------------------------------------|------|
| Number of steps per revolution | Max. |
| Number of revolutions | Max. |









Classifications

| | |
|-----------------------|----------|
| ECl@ss 5.0 | 27270502 |
| ECl@ss 5.1.4 | 27270502 |
| ECl@ss 6.0 | 27270590 |
| ECl@ss 6.2 | 27270590 |
| ECl@ss 7.0 | 27270502 |
| ECl@ss 8.0 | 27270502 |
| ECl@ss 8.1 | 27270502 |
| ECl@ss 9.0 | 27270502 |
| ETIM 5.0 | EC001486 |
| ETIM 6.0 | EC001486 |
| UNSPSC 16.0901 | 41112113 |

Recommended accessories

Other models and accessories → www.sick.com/AFS_AFM60_PROFINET

| | Brief description | Type | Part no. |
|---|---|-------------------|----------|
| Flanges | | | |
|  | Flange adapter, adaptation of face mount flange with 36 mm centering hub to 50 mm servo flange, aluminum, including 3 flat head screws M4 x 10, Aluminum, including 3 countersunk screws M4 x 10 | BEF-FA-036-050 | 2029160 |
|  | Flange adapter, adaptation of face mount flange with 36 mm centering hub to 60 mm square mounting plate, aluminum, including 3 flat head screws M4 x 8, Aluminum, including 3 countersunk screws M4 x 8 | BEF-FA-036-060REC | 2029162 |

| | Brief description | Type | Part no. |
|---|---|--------------------|----------|
|  | Flange adapter, adaptation of face mount flange with 36 mm centering hub to 58 mm square mounting plate with shock absorbers, aluminum, Aluminum | BEF-FA-036-060RSA | 2029163 |
|  | Flange adapter, adaptation of face mount flange with 36 mm centering hub to 63 mm square mounting plate, aluminum, including 3 flat head screws M4 x 10, Aluminum, including 3 countersunk screws M4 x 10 | BEF-FA-036-063REC | 2034225 |
| Other mounting accessories | | | |
|  | Plastic measuring wheel with smooth plastic surface (Hytrel), for 10 mm solid shaft, circumference 200 mm | BEF-MR-010020 | 5312988 |
|  | Measuring wheel with ridged plastic surface (Hytrel) for 10 mm solid shaft, circumference 200 mm | BEF-MR-010020G | 5318678 |
|  | Plastic measuring wheel with smooth plastic surface (Hytrel) for 10 mm solid shaft, circumference 500 mm | BEF-MR-010050 | 5312989 |
|  | Aluminium measuring wheel with O-ring (NBR70) for 6 mm solid shaft, circumference 200 mm | BEF-MR006020R | 2055222 |
| | Measuring wheel with O-ring (NBR70) for 6 mm solid shaft, circumference 300 mm | BEF-MR006030R | 2055634 |
| | Aluminium measuring wheel with O-ring (NBR70) for 10 mm solid shaft, circumference 200 mm | BEF-MR010020R | 2055224 |
| | Aluminium measuring wheel with O-ring (NBR70) for 10 mm solid shaft, circumference 300 mm | BEF-MR010030R | 2049278 |
| | Measuring wheel with O-ring (NBR70) for 10 mm solid shaft, circumference 500 mm | BEF-MR010050R | 2055227 |
| | O-ring for measuring wheels (circumference 200 mm) | BEF-OR-053-040 | 2064061 |
| | O-ring for measuring wheels (circumference 300 mm) | BEF-OR-083-050 | 2064076 |
| | | | |
| Plug connectors and cables | | | |
|  | Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m | YF2A14-020UB3XLEAX | 2095607 |
| | Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m | YF2A14-050UB3XLEAX | 2095608 |
| | Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 10 m | YF2A14-100UB3XLEAX | 2095609 |
| | Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 25 m | YF2A14-250UB3XLEAX | 2095615 |
|  | Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m | YG2A14-020UB3XLEAX | 2095766 |
| | Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m | YG2A14-050UB3XLEAX | 2095767 |
| | Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 10 m | YG2A14-100UB3XLEAX | 2095768 |
| | Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 25 m | YG2A14-250UB3XLEAX | 2095771 |

| | Brief description | Type | Part no. |
|---|--|--|----------|
|  | Head A: male connector, M12, 4-pin, straight, D-coded Head B: open cable ends Cable: PROFINET, PVC, shielded, 2 m | STL-1204-G02MZ90 | 6048247 |
| | Head A: male connector, M12, 4-pin, straight, D-coded Head B: open cable ends Cable: PROFINET, PVC, shielded, 5 m | STL-1204-G05MZ90 | 6048248 |
| | Head A: male connector, M12, 4-pin, straight, D-coded Head B: open cable ends Cable: PROFINET, PVC, shielded, 10 m | STL-1204-G10MZ90 | 6048249 |
| | Head A: male connector, M12, 4-pin, angled, D-coded Head B: open cable ends Cable: PROFINET, PVC, shielded, 5 m | STL-1204-W05MZ90 | 6048257 |
| | Head A: male connector, M12, 4-pin, angled, D-coded Head B: open cable ends Cable: PROFINET, PVC, shielded, 25 m | STL-1204-W25MZ90 | 6048259 |
| | Head A: male connector, M12, 4-pin, angled, D-coded Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, PUR, halogen-free, shielded, 2 m | SSL-1204-W02MZ | 6050635 |
| | Head A: male connector, M12, 4-pin, angled, D-coded Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, PUR, halogen-free, shielded, 5 m | SSL-1204-W05MZ | 6050636 |
| | Head A: male connector, M12, 4-pin, angled, D-coded Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, PUR, halogen-free, shielded, 10 m | SSL-1204-W10MZ | 6050637 |
| | Head A: male connector, RJ45, 4-pin, straight Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, EtherCAT®, PVC, shielded, 2 m | SSL-2J04-F02MZ | 6048253 |
| | Head A: male connector, RJ45, 4-pin, straight Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, EtherCAT®, PVC, shielded, 5 m | SSL-2J04-F05MZ | 6048254 |
|  | Head A: male connector, RJ45, 4-pin, straight Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, EtherCAT®, PVC, shielded, 10 m | SSL-2J04-F10MZ | 6048255 |
| | Head A: male connector, RJ45, 4-pin, straight Head B: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, EtherCAT®, PVC, shielded, 30 m | SSL-2J04-F30MZ | 6059450 |
| | Head A: female connector, M12, 4-pin, angled Head B: - Cable: unshielded | DOS-1204-W | 6007303 |
| | Head A: male connector, M12, 4-pin, angled, D-coded Cable: PROFINET, shielded | STE-1204-WZ | 6048262 |
| | Head A: female connector, M12, 4-pin, D-coded Head B: female connector, RJ45, 8-pin Cable: Ethernet, shielded Cabinet through | Feedthrough female connector Ethernet RJ45 | 6048180 |

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

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