



HMA I-080 (HLT)

401XX-XXXXX-XXXXXXX



Modular suspension system for medium loading capacity

- Default colours
 - Pipes: RAL 7035 (Light grey)
 - Components: RAL 7016 (Anthracite grey)
 - Special colours on request
- Load-dependent inclination adjustment
- System length up to 2,000 mm in 10 mm increments
- High loading capacity even with intermediate joint
- Joints available in "Basic" and "Excellence" version
- Low maintenance

Product code	401xx-xxxxx-xxxxxxx
Safety Class	IP 54 DIN EN 60529
Cable duct	55 x 43 mm
Loading weight	800 Nm
System length (max)	2000 mm
Tube	85 x 62 mm

HMA I-080 TOP MOUNTED JOINT HORIZONTAL

40101-0XXXX-XXXXXXX



For horizontal swivelling of the support arm

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Removable lid for easy installation
- Joints available in "Basic" and "Excellence" version

Product code	Description	
40101-02000-1701610	HMA I-080 Top Mounted Joint horizontal Basic, 3.2kg, Colour: RAL 7016	
40101-05000-1701610	HMA I-080 Top Mounted Joint horizontal Excellence, 3.4kg, Colour: RAL 7016	

HMA I-080 TOP MOUNTED JOINT VERTICAL

40101-1XXXX-XXXXXXX



For vertical swivelling of the support arm

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Joints available in "Basic" version
- Limitation of the loading weight by 50 % to 400 Nm max. Profile length horizontal or vertical 1000mm max.

Product code	Description
40101-12000-1701610	HMA I-080 Top Mounted Joint vertical Basic, 2.2kg, Colour: RAL 7016

HMA I-080 WALL JOINT HORIZONTAL

40102-0XXXX-XXXXXXX



For horizontal swivelling of the support arm

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Removable lid for easy installation
- Joints available in "Basic" and "Excellence" version

Product code	Description	
40102-02000-1701610	HMA I-080 Wall Joint horizontal Basic, 4.1kg, Colour: RAL 7016	
40102-05000-1701610	HMA I-080 Wall Joint horizontal Excellence, 4.3kg, Colour: RAL 7016	

HMA I-080 WALL JOINT VERTICAL

40102-1XXXX-XXXXXXX



For vertical swivelling of the support arm

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Removable lid for easy installation
- Joints available in "Basic" version
- Limitation of the loading weight by 50 % to 400 Nm max. Profile length horizontal or vertical 1000mm max.

Product code	Description
40102-12000-1701610	HMA I-080 Wall joint vertical Basic, 2.9kg, Colour: RAL 7016

HMA I-080 INTERMEDIATE JOINT HORIZONTAL

40103-0XXXX-XXXXXXX



For connecting 2 moulded tubes and horizontal swivelling of support arm

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Removable lid for easy installation
- Joints available in "Basic" and "Excellence" version

Product code	Description	
40103-02000-1701610	HMA I-080 Intermediate Joint horizontal Basic, 4.5kg, Colour: RAL 7016	
40103-05000-1701610	HMA I-080 Intermediate Joint horizontal Excellence, 4.7kg, Colour: RAL 7016	

HMA I-080 ELBOW

40104-XXXXX-XXXXXXX



For connecting horizontal to vertical moulded tubing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle 90° (rigid)
- Overhead-mounting possible
- Removable lid for easy installation

Product code	Description	
40104-01000-1701610	HMA I-080 Elbow, 1.2kg, Colour: RAL 7016	

HMA I-080 ELBOW COUPLING

40108-XXXXX-XXXXXXX



For connecting horizontal moulded tubing with an enclosure

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 340°
- Rotation limiter adjustable to 180°
- Overhead-mounting possible
- Removable lid for easy installation

Product code	Description
40108-06000-1701610	HMA I-080 Elbow Coupling Basic, 2kg, Colour: RAL 7016 

HMA I-080 ELBOW COUPLING NARROW FLANGE

40109-XXXXX-XXXXXXX



For connecting horizontal moulded tubing to a low-profile enclosure (narrow flange)

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 340°
- Rotation limiter adjustable to 180°
- Overhead-mounting possible
- Removable lid for easy installation

Product code	Description
40109-06000-1701610	HMA I-080 Elbow Coupling narrow flange Basic, 2.9kg, Colour: RAL 7016

HMA I-080 COUPLING

40105-XXXXX-XXXXXXX



For connecting vertical moulded tubing with an enclosure

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 340°
- Rotation limiter adjustable to 180°
- Overhead-mounting possible

Product code	Description
40105-06000-1701610	HMA I-080 Coupling Basic, 1.6kg, Colour: RAL 7016 

HMA I-080 COUPLING NARROW FLANGE

40107-XXXXX-XXXXXXX



For connecting horizontal moulded tubing to a low-profile enclosure (narrow flange)

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 340°
- Rotation limiter adjustable to 180°
- Overhead-mounting possible

Product code	Description
40107-06000-1701610	HMA I-080 Coupling narrow flange Basic, 1.9kg, Colour: RAL 7016 

HMA I-080 BASE / WALL FLANGE

40106-XXXXX-XXXXXXX



For connecting moduled tubing to vertical or horizontal surfaces

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Overhead-mounting possible

Product code	Description
40106-01000-1701610	HMA I-080 Base / Wall Flange, 0.65kg, Colour: RAL 7016 

HMA I-080 SET UP SWIVEL JOINT

40113-XXXXX-XXXXXXX



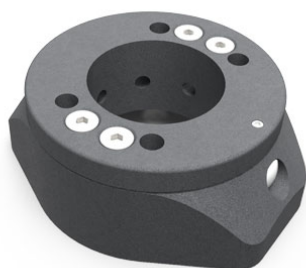
For horizontal swivelling of the support arm

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Removable lid for easy installation
- Limitation of the loading weight by 50 % to 400 Nm max. Profile length horizontal or vertical 1000mm max.

Product code	Description
40113-02000-1701610	HMA I-080 Set up swivel joint Basic, 5.3kg, Colour: RAL 7016

HMA I-080 COMPACT COUPLING NARROW FLANGE

40114-XXXXX-XXXXXXX



For connection with a vertical profiled tube to a housing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 330°
- Rotation limiter adjustable in 45° steps
- Overhead-mounting possible

Product code	Description
40114-01001-1701610	HMA I-080 Compact Coupling narrow flange Basic, 0.6kg, Colour: RAL 7016

HMA I-080 ELBOW ADAPTOR HMA I-040

40116-XXXXX-XXXXXXX



For connecting horizontal moulded tubing with Ø 48 mm vertical circular tubing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle 90° (rigid)
- Overhead-mounting possible
- Removable lid for easy installation
- Integrated drop protection

Product code	Description
40116-01000-1701610	HMA I-080 Elbow Adaptor HMA I-040, 0.8kg, Colour: RAL 7016 

HMA I-080 ROTOFIX

40121-XXXXX-XXXXXXX



Direct attachment assembly

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle of rotation: 330°
- Rotation limiter adjustable to 180°

Product code	Description
40121-06000-1701610	HMA I-080 Rotofix Basic, 2kg, Colour: RAL 7016

HMA I-080 ROTATING ELBOW

40125-XXXXX-XXXXXXX



For connecting on a perpendicular moulded tubing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 300°
- Rotation limiter adjustable in 30° increments
- Removable lid for easy installation
- Limitation of the loading weight by 50 % to 400 Nm max. Profile length horizontal or vertical 1000mm max.

Product code	Description
40125-02000-1701610	HMA I-080 Rotating Elbow Basic, 3.8kg, Colour: RAL 7016

HMA I-080 MOLDED TUBING

40130-XXXXX-XXXXXXX



Molded tubing for horizontal and vertical mounting

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Special lengths in 10 mm increments
- Maximum profile length: 2000 mm

Product code	Description	
40130-00250-1703511	HMA I-080 Molded Tubing 250 mm, 250 mm, 1.5kg, Colour: RAL 7035	
40130-00250-7010100	HMA I-080 Molded Tubing 250 mm, 250 mm, 1.5kg, Colour: E6EV1	
40130-00500-1703511	HMA I-080 Molded Tubing 500 mm, 500 mm, 3kg, Colour: RAL 7035	
40130-00500-7010100	HMA I-080 Molded Tubing 500 mm, 500 mm, 3kg, Colour: E6EV1	
40130-01000-1703511	HMA I-080 Molded Tubing 1000 mm, 1000 mm, 6kg, Colour: RAL 7035	
40130-01000-7010100	HMA I-080 Molded Tubing 1000 mm, 1000 mm, 6kg, Colour: E6EV1	
40130-01500-1703511	HMA I-080 Molded Tubing 1500 mm, 1500 mm, 9kg, Colour: RAL 7035	
40130-01500-7010100	HMA I-080 Molded Tubing 1500 mm, 1500 mm, 9kg, Colour: E6EV1	
40130-02000-1703511	HMA I-080 Molded Tubing 2000 mm, 2000 mm, 12kg, Colour: RAL 7035	
40130-02000-7010100	HMA I-080 Molded Tubing 2000 mm, 2000 mm, 12kg, Colour: E6EV1	
40130-0xxxx-1703511	HMA I-080 Molded Tubing, Length on request in 10mm steps, Colour: RAL 7035	
40130-0xxxx-7010100	HMA I-080 Molded Tubing, Length on request in 10mm steps, Colour: E6EV1	

HMA I-080 ADAPTOR TUBE - COUPLING HMA I-040

40129-XXXXX-XXXXXXX



For connecting a HMA I-040 coupling with a HMA I-080 tube

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request

Product code	Description
40129-01000-1703510	HMA I-080 Adaptor tube - Coupling HMA I-040, 0.3kg, Colour: RAL 7035

HMA I-080 COUPLING FIXED

40190-17XXX-XXXXXXX



For rigid connecting of a tube to a housing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
40190-17000-1701610	HMA I-080 Coupling fixed, 0.2kg, Colour: RAL 7016

HMA I-080 INCLINATION ADAPTOR 10°

40110-01XXX-XXXXXXX



For rigid fixing of an enclosure and coupling or elbow coupling

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- 10° Inclination

Product code	Description
40110-01000-1701610	HMA I-080 Inclination adaptor 10°, 0.3kg, Colour: RAL 7016

HMA I-080 INCLINATION ADAPTOR NARROW FLANGE 10°

40111-01XXX-XXXXXXX



For rigid fixing of a low-profile enclosure and coupling or elbow coupling

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- 10° Inclination

Product code	Description
40111-01000-1701610	HMA I-080 Inclination adaptor narrow flange 10°, 0.5kg, Colour: RAL 7016

HMA I-080 ENCLOSURE ADAPTOR VESA

40112-01XXX-XXXXXXX



- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Connection according VESA® 75 or VESA® 100 (option)
- Removable lid for easy installation

Product code	Description
40112-01000-1701610	HMA I-080 Enclosure Adaptor VESA, 1.2kg, Colour: RAL 7016 

HMA I-080 LIGHT ADAPTOR

40115-01XXX-XXXXXXX



For rigid fixing of signal lights

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Connecting pipe ø 25 mm
- Die Signalleuchte ist nicht im Lieferumfang enthalten

Product code	Description
40115-01000-1701610	HMA I-080 Light Adaptor, 0.6kg, Colour: RAL 7016 

HMA I-080 LIGHT ADAPTOR HMA I-040

40190-05XXX-XXXXXXX



For rigid fixing of signal lights

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Connecting pipe ø 25 mm
- Die Signalleuchte ist nicht im Lieferumfang enthalten

Product code	Description
40190-05000-1701610	HMA I-080 Light adaptor HMA I-040, 0.3kg, Colour: RAL 7016

HMA I-080 INCLINATION ADAPTOR SNAPPING

40118-0XXXX-XXXXXXX



Tilt adaptor for connecting enclosure and coupling

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Vertical swivel range: 32°
- Detented inclination adjustment in 8° increments

Product code	Description
40118-01000-8707100	HMA I-080 Inclination adaptor snapping, Bellows light gray, 0.9kg, Colour: RAL 7016
40118-02000-8708400	HMA I-080 Inclination adaptor snapping, Bellows black, 0.9kg, Colour: RAL 7016



HMA I-080 INCLINATION ADAPTOR STEPLESS

40119-01XXX-XXXXXXX



For movable connection of housing and coupling or angle coupling

- Default colour
 - RAL 9005 (Jet black)
 - Special colours on request
- Vertical swivel range $\pm 30^\circ$

Product code	Description
40119-01000-1900510	HMA I-080 Inclination adaptor stepless 2x30°, Bellows black, 1.3kg, Colour: RAL 9005



HMA I-080 CABLE PROTECTION PLATE

40190-01XXX-XXXXXXX



Protects cabling from damage around openings in the casing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
40190-01000-1701610	HMA I-080 Cable Protection Plate, 0.2kg, Colour: RAL 7016



HMA I-080 CABLE PROTECTION PLATE

40190-34XXX-XXXXXXX



Protects cabling from damage around openings in the casing

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
40190-34000-1701610	HMA I-080 Cable Protection Plate, 0.2kg, Colour: RAL 7016

HMA I-080 BECKHOFF ADAPTOR PLATE

40190-69XXX-XXXXXXX



For adapting HMA I-080 Compact Coupling to Beckhoff drilling pattern

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
40190-69001-1701610	HMA I-080 Beckhoff adaptor plate, 0.2kg, Colour: RAL 7016

HMA I-080 SIMATIC-PRO ADAPTOR PLATE

40190-42XXX-XXXXXXX



For adapting HMA I-080 to Siemens Simatic-Pro

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
40190-42000-1701610	HMA I-080 SIMATIC-PRO adaptor plate, 0.4kg, Colour: RAL 7016

HMA I-080 ADAPTER HMA I-LIFT 65

53091-10110-XXXXXXX



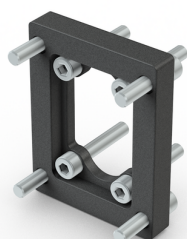
For connection of HMA I-Lift 65 with a HMA I-080 tube

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
53091-10110-1701611	HMA I-080 Adapter HMA I-Lift 65, Colour: RAL 7016

HMA I-080 ADAPTOR HMA I-LIFT 350 / 380

40190-00001-XXXXXXX



For connection of HMA I-Lift 350/380 with a HMA I-080 tube

- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
40190-00001-1701610	HMA I-080 Adaptor HMA I-Lift 350 / 380, Colour: RAL 7016