

Ordering Information / KS016-AX-BX-CXXX-DX-EX

KS016: Stainless Steel Probe Mount

for reverse-mount proximity probes; including protective screw-on cap

AX: Mounting Stud of Probe Holder Base

A1: G 3/4" male for bearing housing or Reference Face Adapter;
M16 x 1 mm female for Adjusting Sleeve; wrench size (A/F) 36 mm

BX: Reference Face Adapter

B0: Not required, if a plane machined mounting surface available

B1: 3/4" – 14 NPT male for bearing housing, G 3/4" female for Probe Holder Base

Note:

*Using the Reference Face Adapter increases insertion depth by ~27 mm;
consider while choosing Adjusting Sleeve length (CXXX)!*

CXXX: Adjusting Sleeve / Installation Length

For selecting the right adjusting sleeve, at first the Installation Length (= distance from the shaft to the top edge of the casing or of the Reference Face Adapter) needs to be determined (e.g. 115 mm).

Then the adjusting sleeve can be selected, which enables the corresponding adjusting range (e.g. C140 for installation lengths from 90 to 140 mm).

Standard Adjusting Sleeves:

C090: Type "S" (Sleeve length: 177 mm) Adjusting range: 40 ... 90 mm

C140: Type "M" (Sleeve length: 227 mm) Adjusting range: 90 ... 140 mm

C190: Type "L" (Sleeve length: 277 mm) Adjusting range: 140 ... 190 mm

Special Adjusting Sleeves:

C240: Type "XL" (Sleeve length: 327 mm) Adjusting range: 190 ... 240 mm

C290: Type "XXL" (Sleeve length: 377 mm) Adjusting range: 240 ... 290 mm

C340: Type "XXXL" (Sleeve length: 427 mm) Adjusting range: 290 ... 340 mm

Note:

The adjusting range of the Adjusting Sleeves amounts 50 mm without Reference Face Adapter (BX=B0). If the Reference Face Adapter is used (BX=B1), the possible installation lengths are reduced by 27 mm (e.g. 63 ... 113 mm for C140), whereas the shortest possible installation length is 40 mm (e.g. 40 ... 63 mm for C090).

DX: Probe Thread (others on request)

D1: M10 x 1 mm

D2: 3/8" – 24 UNF

D5: M12 x 1 mm

EX: Connection Type (others on request)

E1: Stainless Steel Hexagonal Adapter (Length: 36 mm, A/F 27 mm)
with female thread (M16 x 1.5 mm) for cable gland or conduit fitting
Operating temperature: -50°C ... +200°C

E2: Plastic Connection Head (78 mm x Ø 97 mm)
with female thread (M16 x 1.5 mm) for cable gland or conduit fitting
Operating temperature: -20°C ... +100°C

E3: Aluminum Connection Head (78 mm x Ø 97 mm)
with female thread (M16 x 1.5 mm) for cable gland or conduit fitting
Operating temperature: -50°C ... +200°C