



GM700

IN-SITU GAS ANALYZERS

SICK
Sensor Intelligence.



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com



Ordering information

Type	Part no.
GM700	On request

Other models and accessories → www.sick.com/GM700



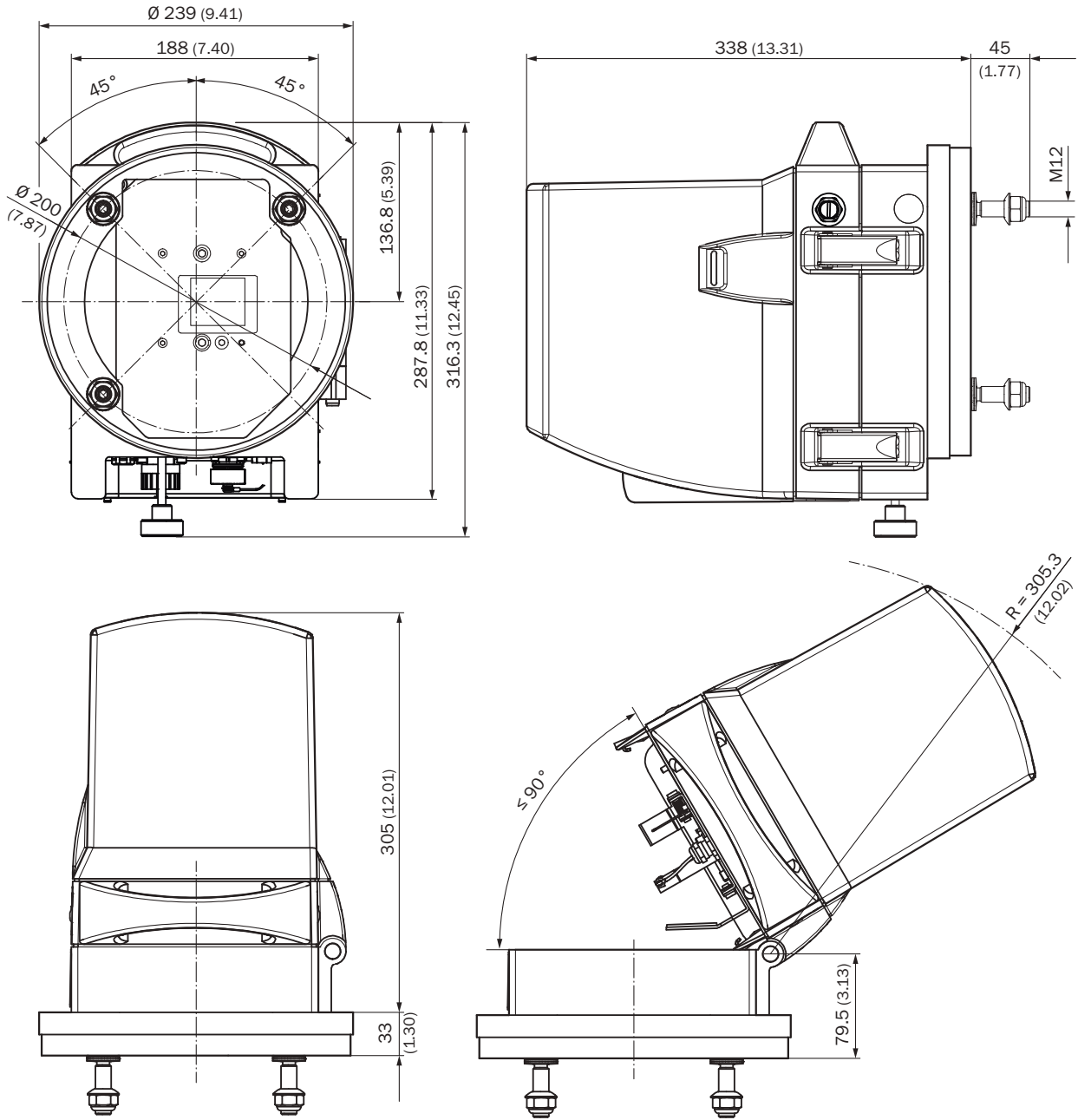
Detailed technical data

Classifications

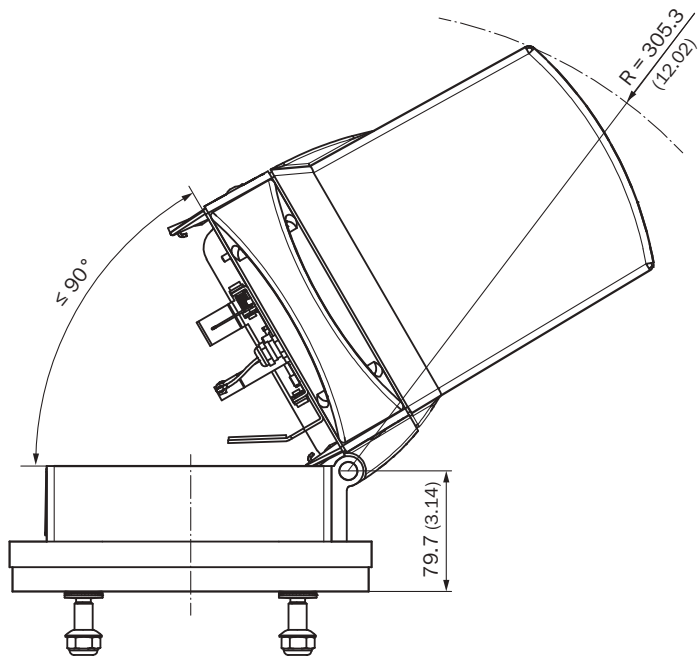
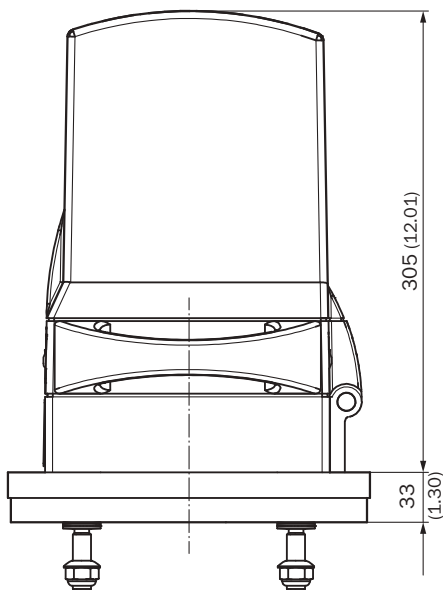
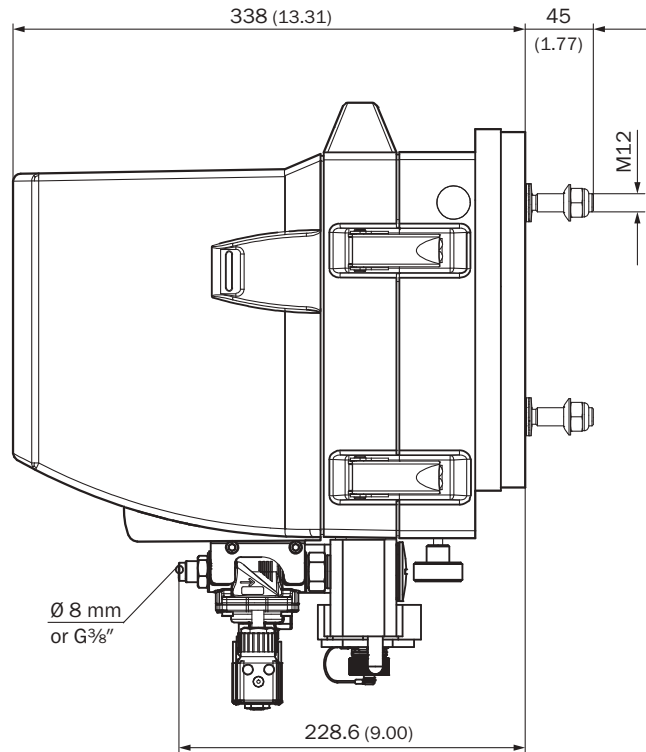
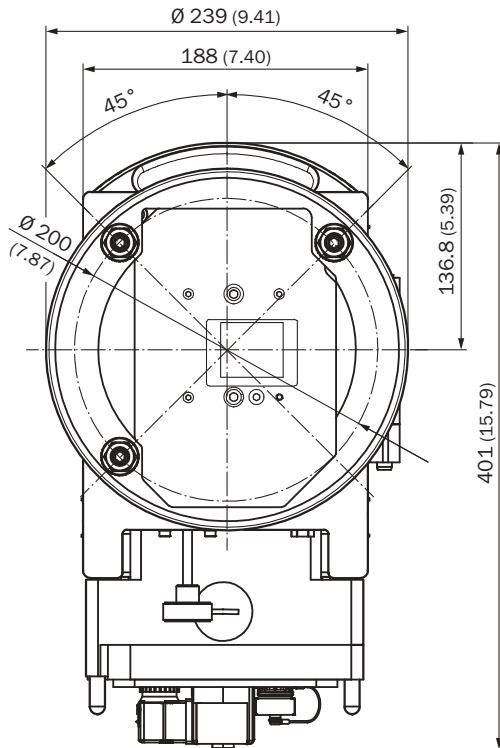
ECI@ss 5.0	27150209
ECI@ss 5.1.4	27150209
ECI@ss 6.0	27150209
ECI@ss 6.2	27150209
ECI@ss 7.0	27150209
ECI@ss 8.0	27150209
ECI@ss 8.1	27150209
ECI@ss 9.0	27150209
ECI@ss 10.0	27150209
ECI@ss 11.0	27150209
ETIM 5.0	EC001190
ETIM 6.0	EC001190
ETIM 7.0	EC001190
UNSPSC 16.0901	41115403

Dimensional drawing (Dimensions in mm (inch))

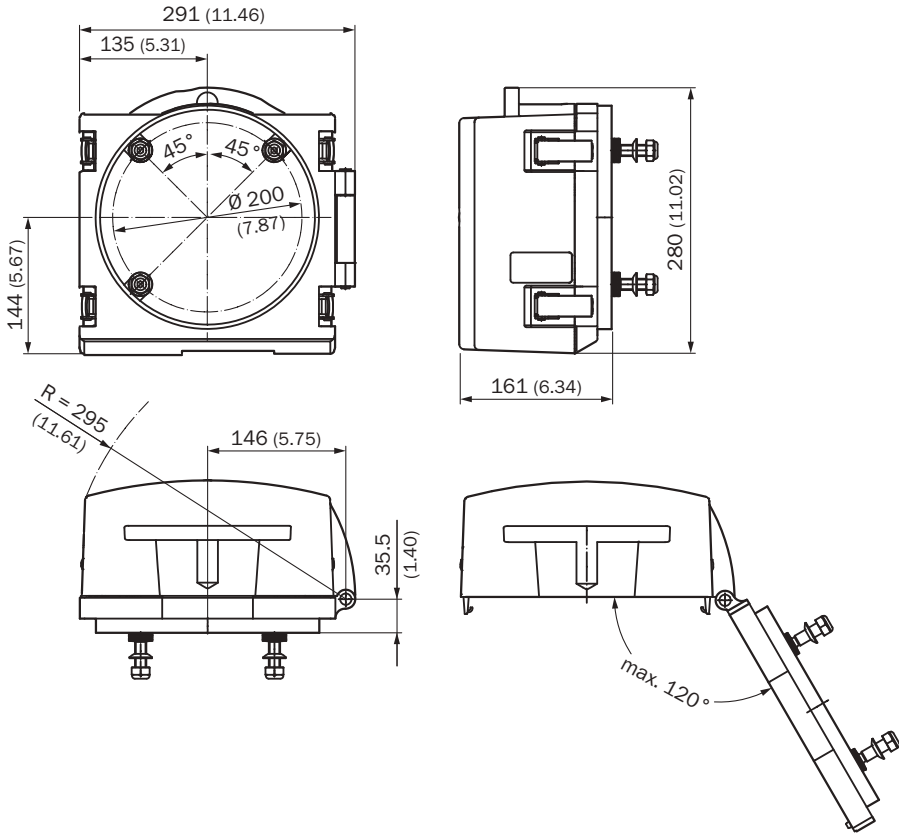
GM700 sender/receiver unit



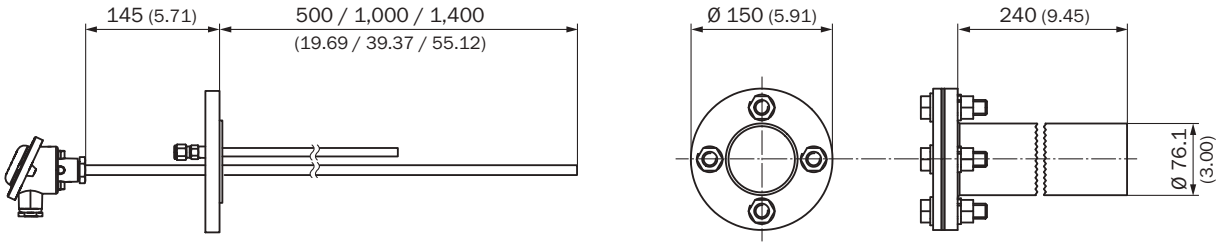
GM700-EX3G sender/receiver unit



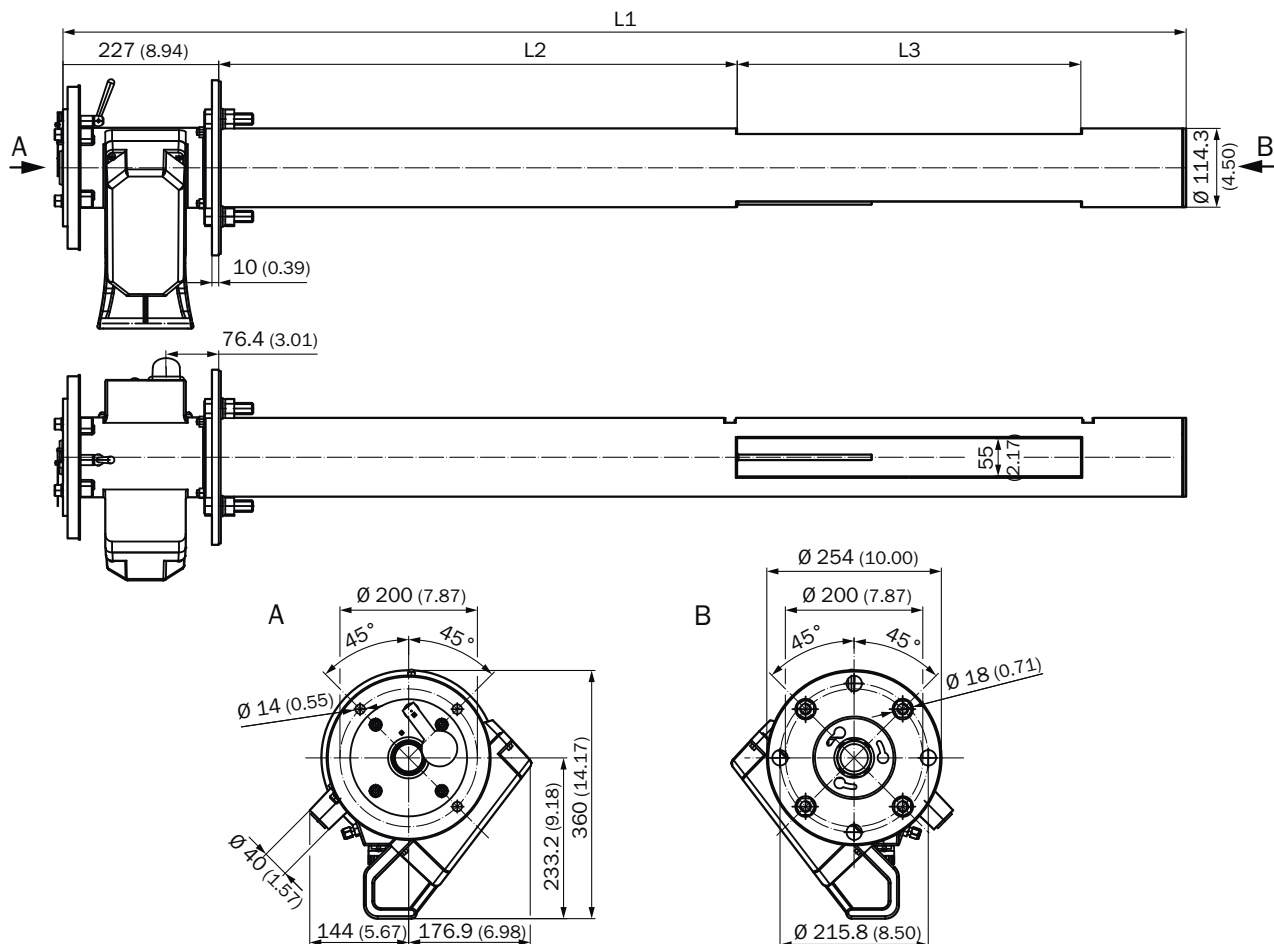
Reflector unit



Pressure and temperature sensor with DN40 / PN40 mounting flange

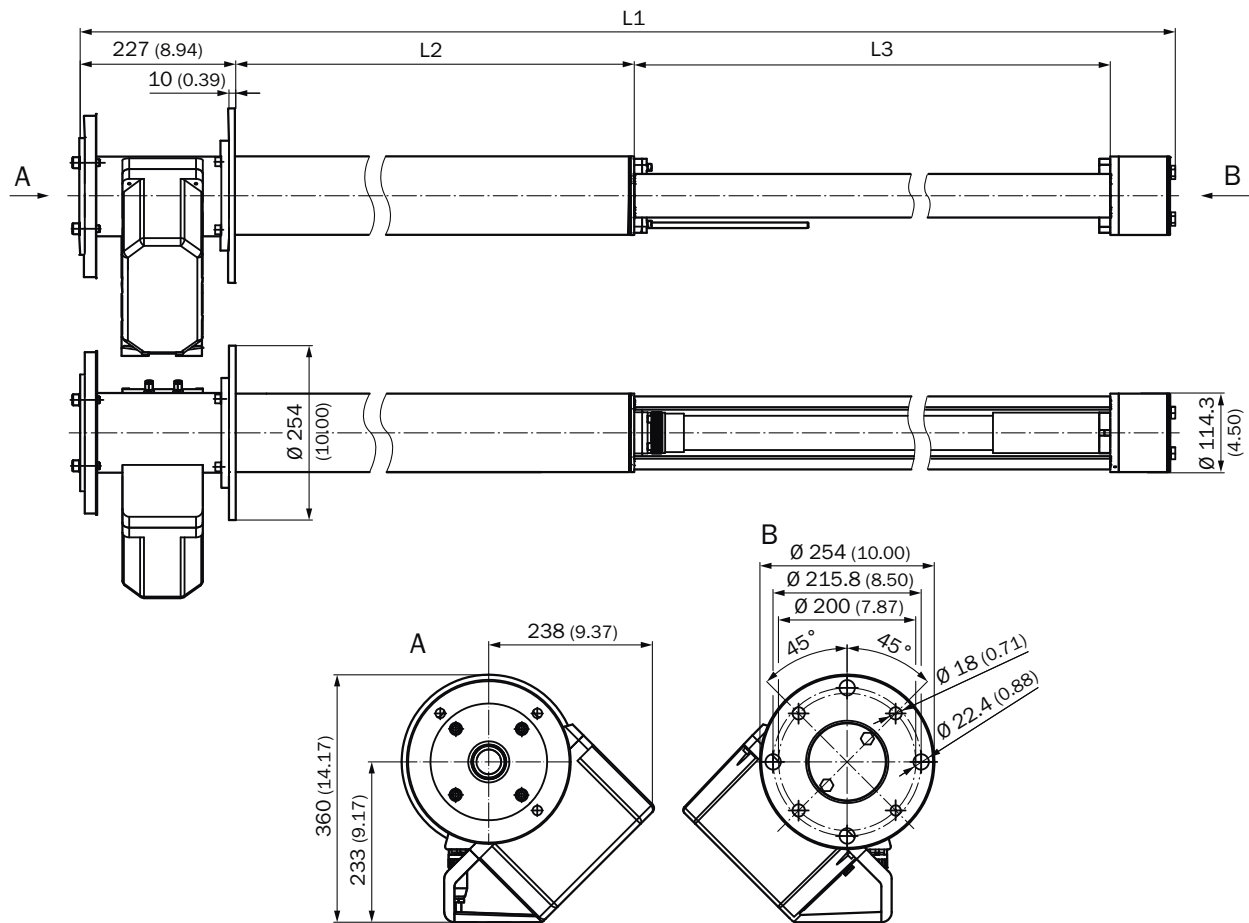


Open measuring probe (GMP), standard version



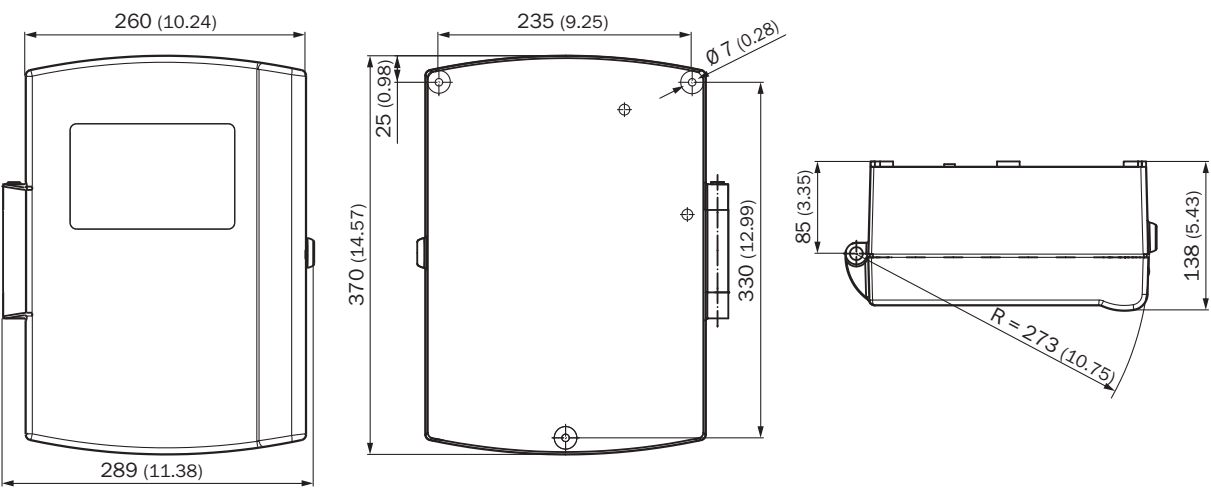
GMP measuring probes		L3						Weight
Probe length, nominal	L1	250	500	750	1,000	1,250	1,500	
		L2						
900	935	296	---	---	---	---	---	21
1,500	1,644	1,005	755	505	255	---	---	24
2,000	2,128	1,489	1,239	989	739	489	239	30
All dimensions in mm, all weights in kg								
Application-specific lengths available on request								

Gas-testable measuring probe (GPP)

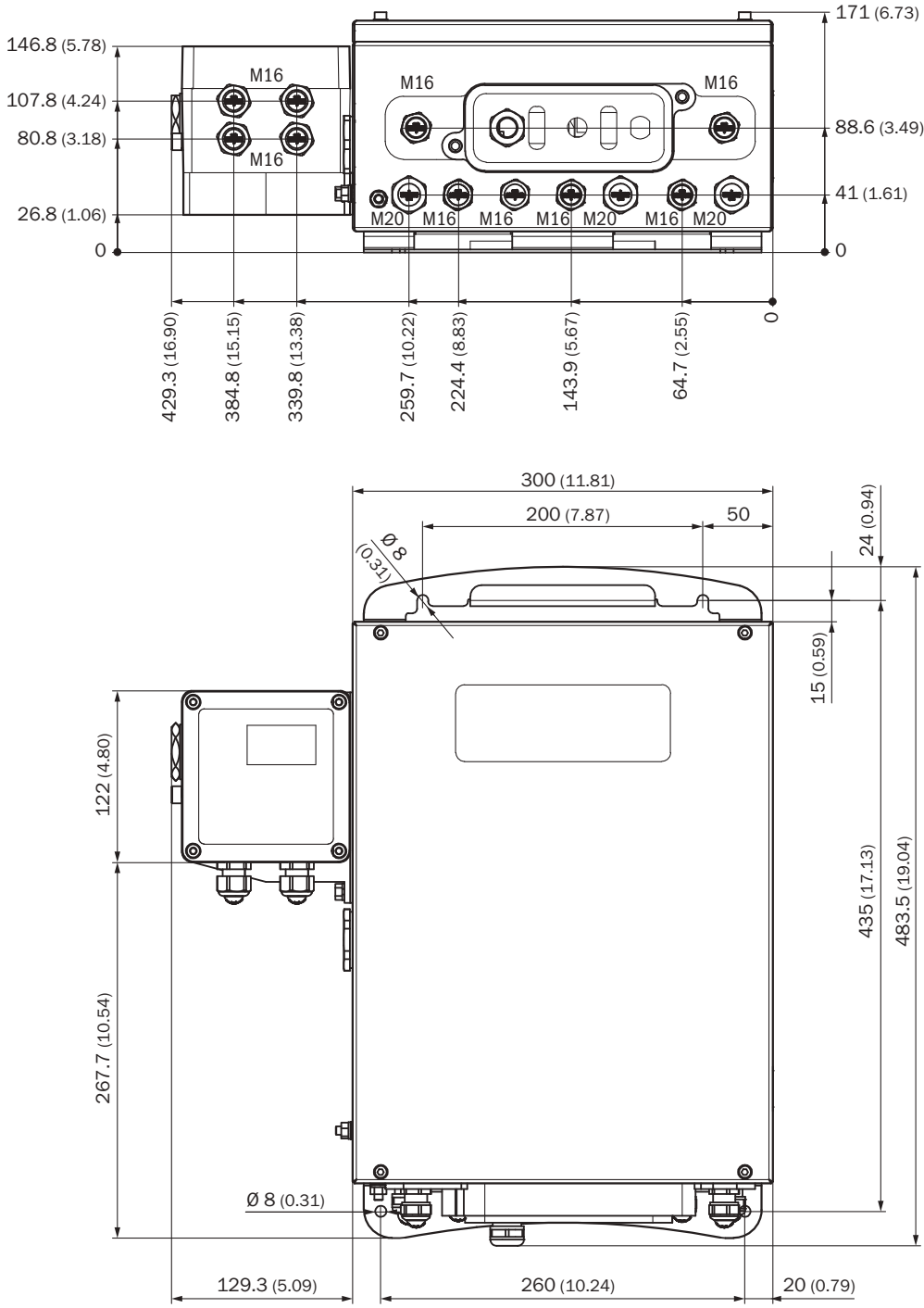


GPP measuring probes		L3				Weight
Probe length, nominal	L1	227	477	727	977	
		L2				
900	914	353	103	—	—	27
1,500	1,624	1,063	813	563	313	35
2,000	2,108	1,547	1,297	1,047	797	42
All dimensions in mm, weights in kg Application-specific lengths available on request						

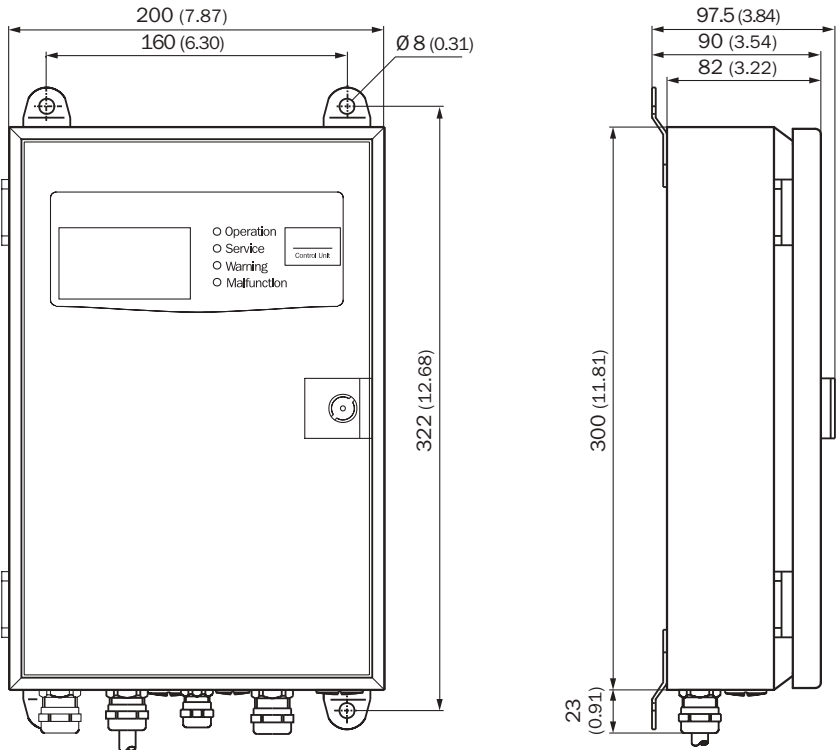
Control unit; cast metal housing



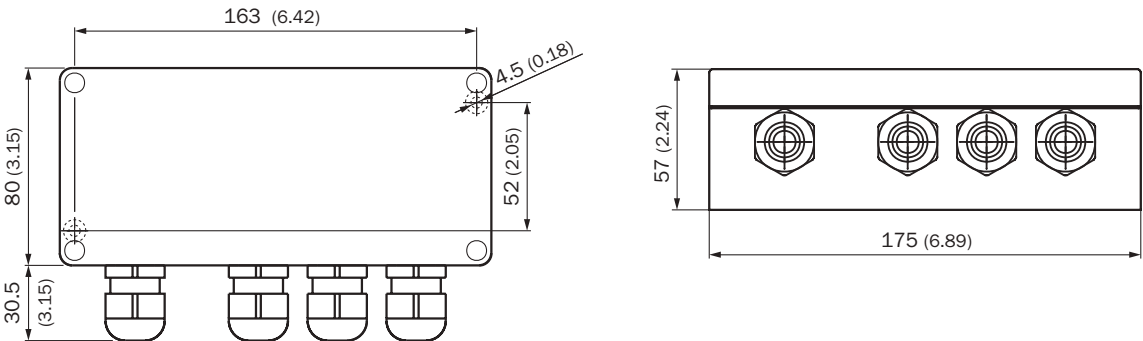
GM700-EX3G control unit



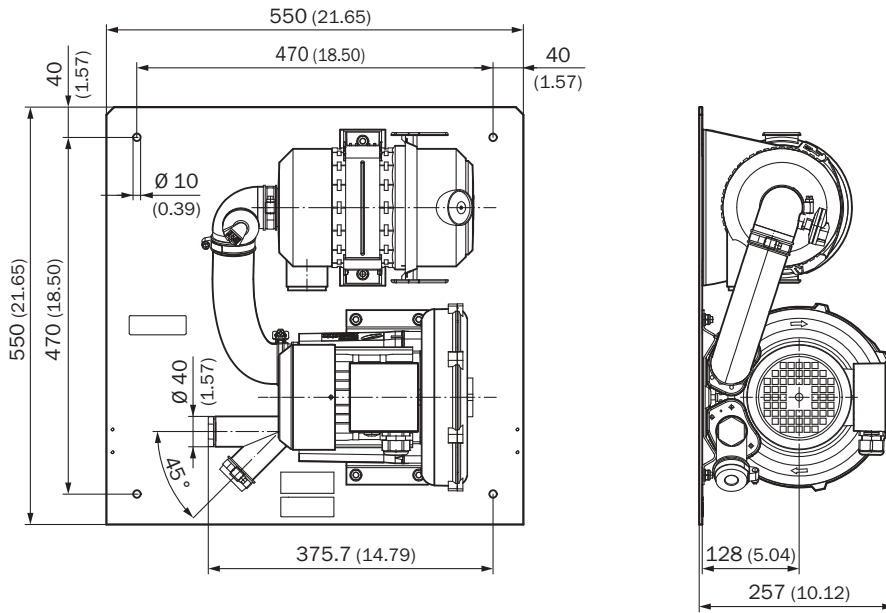
Control unit; steel sheet enclosure



GM700 connection unit



SLV4-2 purge air unit, 2BH1300



GMP measuring probes		L3						Weight
Probe length, nominal	L1	250	500	750	1,000	1,250	1,500	
		L2						
900	935	296	—	—	—	—	—	21
1,500	1,644	1,005	755	505	255	—	—	24
2,000	2,128	1,489	1,239	989	739	489	239	30
All dimensions in mm, all weights in kg Application-specific lengths available on request								

Dimensions (mm / inches):

- Front View:
 - Overall Diameter: Ø 254 (10.00)
 - Flange Outer Diameter: Ø 215.8 (8.50)
 - Flange Inner Diameter: Ø 200 (7.87)
 - Mounting Hole Diameter: Ø 18 (0.71)
 - Larger Hole Diameter: Ø 22.4 (0.88)
 - Base Hole Diameter: Ø 40 (1.57)
 - Radius: R 239.9 (9.44)
- Side View:
 - Total Height: 242 (9.53)
 - Flange Thickness: 18 (0.71)
 - Base Thickness: 14 (0.55)
- Top View:
 - Overall Width: 309 (12.17)
 - Inner Circle Diameter: Ø 239 (9.41)
 - Outer Circle Diameter: Ø 200 (7.87)
 - Base Hole Diameter: Ø 14 (0.55)
 - Width: 364 (14.33)
 - Depth: 236.7 (9.32)
 - Bottom Width: 181.8 (7.16)

[illegible]

Hole circle on process side: Ø 215,8 mm for ANSI flanges, Ø 200 mm for DIN flanges (turned to 45°)

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."

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com