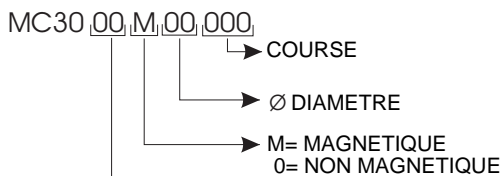




Le micro vérin est conforme aux normes européennes ISO 6432. Du diamètre 8mm au diamètre 25mm.. Différentes versions et accessoires sont disponibles : simple ou double effet, magnétique ou non, avec ou sans bloqueur, tige creuse.

**CLE DE CODAGE**



- 16= SIMPLE EFFET, RESSORT AVANT
- 17= SIMPLE EFFET, RESSORT ARRIERE
- 18= DOUBLE EFFET
- 19= DOUBLE EFFET AVEC AMORTISSEMENT
- 20= DOUBLE EFFET, TIGE PASSANTE
- 22= SURLONGUEUR DE TIGE

**VERSION**

|    |  |
|----|--|
| 16 |  |
| 17 |  |
| 18 |  |
| 19 |  |
| 20 |  |
| 22 |  |

**COURSE STANDARD**

Double effet

|     |                                       |
|-----|---------------------------------------|
| Ø8  | mm10-25-50-80-100-125                 |
| Ø10 | mm10-25-50-80-100-125                 |
| Ø12 | mm10-25-50-80-100-125-160-200         |
| Ø16 | mm10-25-50-80-100-125-160-200-250     |
| Ø20 | mm10-25-50-80-100-125-160-200-250-320 |
| Ø25 | mm10-25-50-80-100-125-160-200-250-320 |

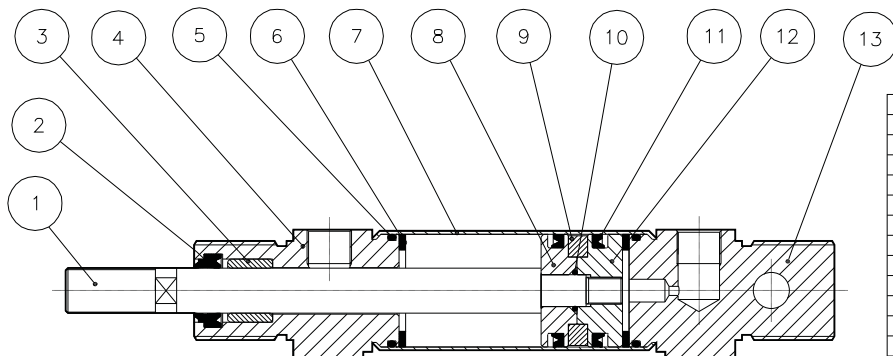
Avec amortissement

|     |                                       |
|-----|---------------------------------------|
| Ø16 | mm10-25-50-80-100-125-160-200-250     |
| Ø20 | mm10-25-50-80-100-125-160-200-250-320 |
| Ø25 | mm10-25-50-80-100-125-160-200-250-320 |

Simple effet

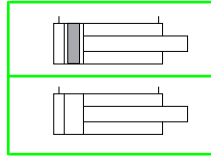
|     |            |
|-----|------------|
| Ø8  | mm10-25-50 |
| Ø10 | mm10-25-50 |
| Ø12 | mm10-25-50 |
| Ø16 | mm10-25-50 |
| Ø20 | mm10-25-50 |
| Ø25 | mm10-25-50 |

|                        |                              |
|------------------------|------------------------------|
| Fluide                 | Air lubrifié ou non lubrifié |
| Température de travail | -20C° / +80C°                |
| Pression maximum       | 10 bar                       |
| Force                  | Voir données techniques      |
| Consommation d'air     | Voir données techniques      |

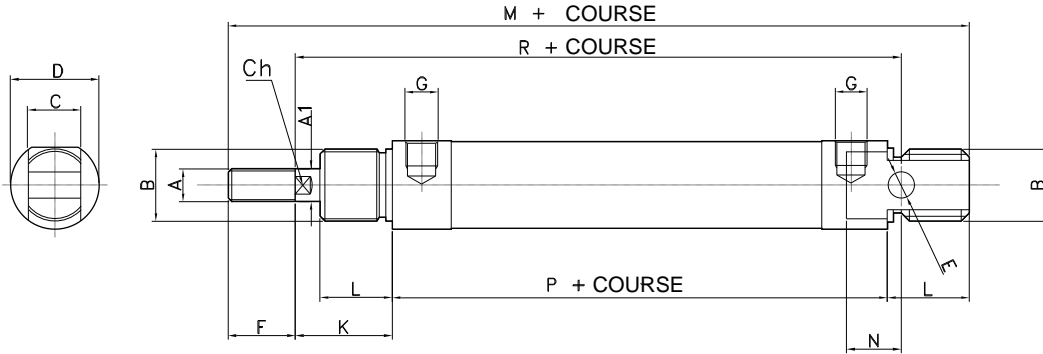
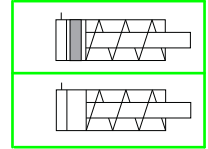


|     |                               |                           |
|-----|-------------------------------|---------------------------|
| 13  | TESTATA POSTERIORE            | Lego alluminio anodizzato |
| 12  | SEMIPISTONE POSTERIORE        | Ottone OT 58              |
| 11  | GUARNIZIONE PISTONE           | Poliuretano               |
| 10  | OR TENUTA STATICA SEMIPISTONI | NBR                       |
| 9   | MAGNETE                       | Plastoferrite             |
| 8   | SEMIPISTONE ANTERIORE         | Ottone OT 58              |
| 7   | CAMICIA                       | Acciaio inox AISI 304     |
| 6   | PARACOLPO                     | Neoprene                  |
| 5   | OR TENUTE STATICA TESTATA     | NBR                       |
| 4   | TESTATA ANTERIORE             | Lego alluminio anodizzato |
| 3   | BOCCOLA DI GUIDA              | Bronzo sinterizzato       |
| 2   | GUARNIZIONE STELO             | Poliuretano               |
| 1   | STELO                         | Acciaio inox AISI 303     |
| Pos | Denominazione                 | Materiale                 |

DOUBLE EFFET

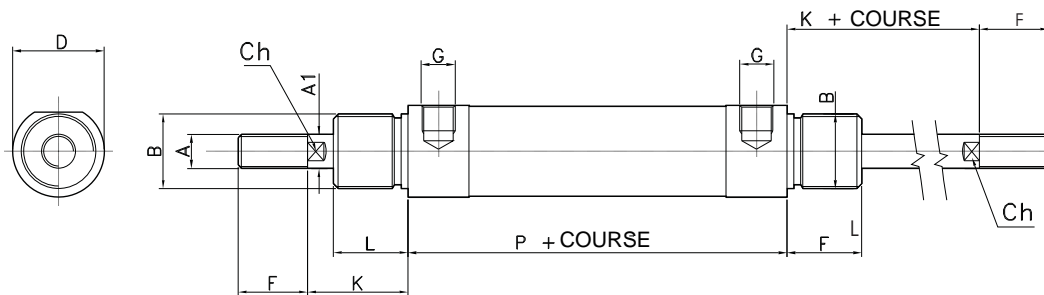
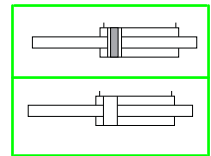


SIMPLE EFFET



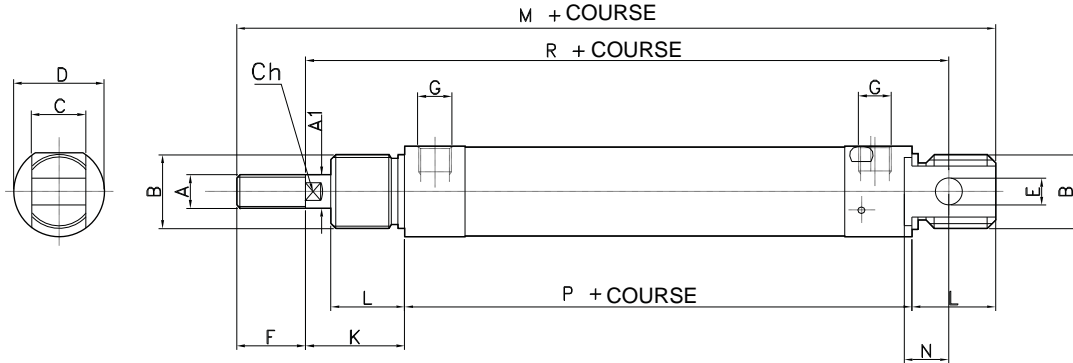
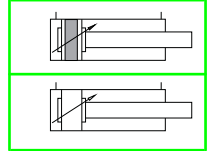
| Ø  | A        | A1 | B        | C  | D  | E | F  | G     | K  | L  | M   | N  | P  | Q  | R   | S  | T <sub>MAX</sub> | U  | V   | CH |
|----|----------|----|----------|----|----|---|----|-------|----|----|-----|----|----|----|-----|----|------------------|----|-----|----|
| 8  | M4       | 4  | M12x1.25 | 8  | 16 | 4 | 12 | M5    | 16 | 12 | 86  | 6  | 46 | -  | 64  | -  | -                | -  | -   | -  |
| 10 | M4       | 4  | M12x1.25 | 8  | 16 | 4 | 12 | M5    | 16 | 12 | 86  | 6  | 46 | -  | 64  | -  | -                | -  | -   | -  |
| 12 | M6       | 6  | M16x1.5  | 12 | 19 | 6 | 16 | M5    | 22 | 18 | 104 | 9  | 48 | -  | 75  | -  | -                | -  | -   | 5  |
| 16 | M6       | 6  | M16x1.5  | 12 | 19 | 6 | 16 | M5    | 22 | 18 | 109 | 9  | 53 | -  | 82  | -  | -                | -  | -   | 5  |
| 20 | M8       | 8  | M22x1.5  | 16 | 27 | 8 | 20 | 1/8 G | 24 | 20 | 131 | 12 | 67 | 24 | 95  | 15 | 34               | 24 | 7.5 | 7  |
| 25 | M10x1.25 | 10 | M22x1.5  | 16 | 30 | 8 | 22 | 1/8 G | 28 | 22 | 140 | 12 | 68 | 24 | 104 | 15 | 37               | 30 | 7.5 | 9  |

TIGE PASSANTE



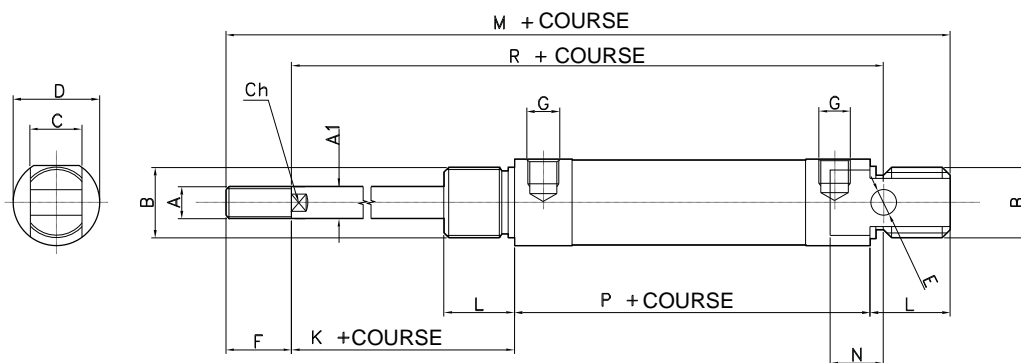
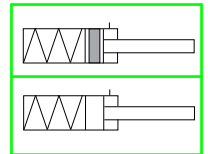
| Ø  | A        | A1 | B        | D  | F  | K  | L  | P  | G     | CH |
|----|----------|----|----------|----|----|----|----|----|-------|----|
| 8  | M4       | 4  | M12x1.25 | 16 | 12 | 16 | 12 | 46 | M5    | -  |
| 10 | M4       | 4  | M12x1.25 | 16 | 12 | 16 | 12 | 46 | M5    | -  |
| 12 | M6       | 6  | M16x1.5  | 19 | 16 | 22 | 18 | 48 | M5    | 5  |
| 16 | M6       | 6  | M16x1.5  | 19 | 16 | 22 | 18 | 53 | M5    | 5  |
| 20 | M8       | 8  | M22x1.5  | 27 | 20 | 24 | 20 | 67 | 1/8 G | 7  |
| 25 | M10x1.25 | 10 | M22x1.5  | 30 | 22 | 28 | 22 | 68 | 1/8 G | 9  |

AVEC AMORTISSEMENT



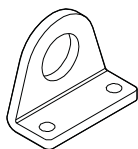
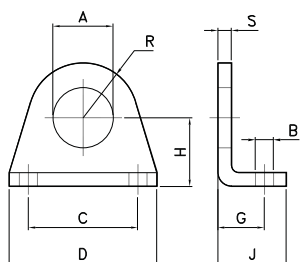
| Ø  | A        | A1 | B       | C  | D  | E | F  | G     | K  | L  | M   | N  | P  | R   | CH |
|----|----------|----|---------|----|----|---|----|-------|----|----|-----|----|----|-----|----|
| 16 | M6       | 6  | M16x1.5 | 12 | 21 | 6 | 16 | M5    | 22 | 18 | 109 | 9  | 53 | 82  | 5  |
| 20 | M8       | 8  | M22x1.5 | 16 | 27 | 8 | 20 | 1/8 G | 24 | 20 | 131 | 12 | 67 | 95  | 7  |
| 25 | M10x1.25 | 10 | M22x1.5 | 16 | 30 | 8 | 22 | 1/8 G | 28 | 22 | 140 | 12 | 68 | 104 | 9  |

SIMPLE EFFET



| Ø  | A        | A1 | B       | C  | D  | E | F  | G     | K  | L  | M     | N  | P    | R     | CH |
|----|----------|----|---------|----|----|---|----|-------|----|----|-------|----|------|-------|----|
| 16 | M6       | 6  | M16x1.5 | 12 | 19 | 6 | 16 | M5    | 22 | 18 | 134.5 | 9  | 78.5 | 107.5 | 5  |
| 20 | M8       | 8  | M22x1.5 | 16 | 27 | 8 | 20 | 1/8 G | 24 | 20 | 154   | 12 | 90   | 118   | 7  |
| 25 | M10x1.25 | 10 | M22x1.5 | 16 | 30 | 8 | 22 | 1/8 G | 28 | 22 | 166   | 12 | 94   | 130   | 9  |

Matériel : Fe 37

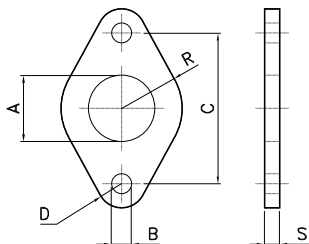


FIXATION PAR PATTE D'EQUERRE

| COD.     | Ø     |
|----------|-------|
| AR415508 | 8-10  |
| AR415512 | 12-16 |
| AR415520 | 20-25 |

| Ø     | A  | B   | C  | D  | G  | H  | J  | R    | S | Peso (g) |
|-------|----|-----|----|----|----|----|----|------|---|----------|
| 8-10  | 12 | 4.5 | 25 | 35 | 11 | 16 | 16 | 10   | 3 | 20       |
| 12-16 | 16 | 5.5 | 32 | 42 | 14 | 20 | 20 | 12.5 | 4 | 40       |
| 20-25 | 22 | 6.6 | 40 | 54 | 17 | 25 | 25 | 20   | 5 | 90       |

Matériel : Fe 37

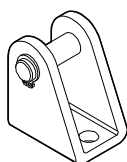
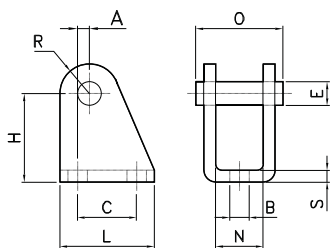


FIXATION PAR BRIDE

| COD.     | Ø     |
|----------|-------|
| AR415708 | 8-10  |
| AR415712 | 12-16 |
| AR415720 | 20-25 |

| Ø     | A  | B   | C  | D | R  | S | Peso (g) |
|-------|----|-----|----|---|----|---|----------|
| 8-10  | 12 | 4.5 | 30 | 5 | 11 | 3 | 12       |
| 12-16 | 16 | 5.5 | 40 | 6 | 15 | 4 | 26       |
| 20-25 | 22 | 6.6 | 50 | 8 | 20 | 5 | 50       |

Matériel : Fe 37

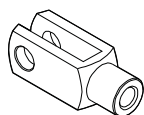
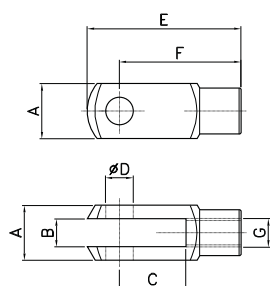


FIXATION PAR CHAPE ARRIERE

| COD.     | Ø     |
|----------|-------|
| AR415408 | 8-10  |
| AR415412 | 12-16 |
| AR415420 | 20-25 |

| Ø     | B   | E | C    | H  | L  | N    | O    | R  | S   | Peso (g) |
|-------|-----|---|------|----|----|------|------|----|-----|----------|
| 8-10  | 4.5 | 4 | 12.5 | 24 | 20 | 8.1  | 17   | 5  | 2.5 | 20       |
| 12-16 | 5.5 | 6 | 15   | 27 | 25 | 12.1 | 23   | 7  | 3   | 36       |
| 20-25 | 6.6 | 8 | 20   | 30 | 32 | 16.1 | 29.5 | 10 | 4   | 78       |

Matériel : Acier

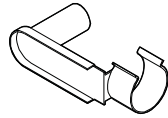
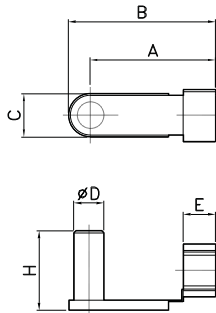


CHAPE DE TIGE

| COD.    | Ø     |
|---------|-------|
| AR40670 | 8-10  |
| AR40671 | 12-16 |
| AR40672 | 20    |
| AR40673 | 25    |

| Ø     | A  | B  | C  | D  | E  | F  | G        | Peso (g) |
|-------|----|----|----|----|----|----|----------|----------|
| 8-10  | 8  | 4  | 8  | 4  | 21 | 16 | M4       | 5        |
| 12-16 | 12 | 6  | 12 | 6  | 31 | 24 | M6       | 14       |
| 20    | 16 | 8  | 16 | 8  | 42 | 32 | M8       | 35       |
| 25    | 20 | 10 | 20 | 10 | 52 | 40 | M10x1.25 | 72       |

Matériel : Acier

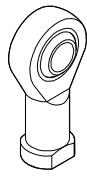
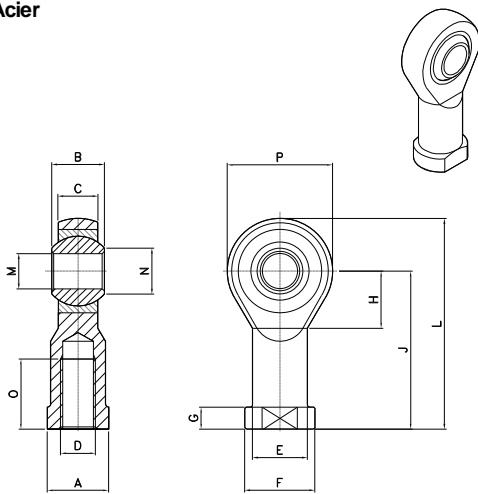


AXE POUR CHAPE DE TIGE

|         |       |
|---------|-------|
| COD.    | Ø     |
| AR40680 | 8-10  |
| AR40681 | 12-16 |
| AR40682 | 20    |
| AR40683 | 25    |

| Ø     | A    | B  | C    | D  | E   | H  | Peso (g) |
|-------|------|----|------|----|-----|----|----------|
| 8-10  | 15.5 | 19 | 7    | 4  | 4.5 | 11 | 2        |
| 12-16 | 22.5 | 28 | 10   | 6  | 6.5 | 16 | 5        |
| 20    | 30.5 | 37 | 12.5 | 8  | 8   | 22 | 11       |
| 25    | 38   | 46 | 14.5 | 10 | 10  | 26 | 19       |

Matériel : Acier



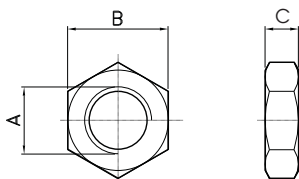
TENON A ROTULE

|         |       |
|---------|-------|
| COD.    | Ø     |
| AR40655 | 8-10  |
| AR40656 | 12-16 |
| AR40657 | 20    |
| AR40660 | 25    |

| Ø     | A  | B  | C    | D        | E    | F  | G   | H  | J  | L  | M  | N    | O  | P  |
|-------|----|----|------|----------|------|----|-----|----|----|----|----|------|----|----|
| 8-10  | 9  | 8  | 6    | M4       | 9    | 11 | 4   | 10 | 27 | 36 | 5  | 7.7  | 10 | 18 |
| 12-16 | 11 | 9  | 6.75 | M6       | 10   | 13 | 5   | 11 | 30 | 40 | 6  | 8.9  | 12 | 20 |
| 20    | 14 | 12 | 9    | M8       | 12.5 | 16 | 5   | 13 | 36 | 48 | 8  | 10.4 | 16 | 24 |
| 25    | 17 | 14 | 10.5 | M10x1.25 | 15   | 19 | 6.5 | 15 | 43 | 57 | 10 | 12.9 | 20 | 28 |

ECROU POUR TIGE

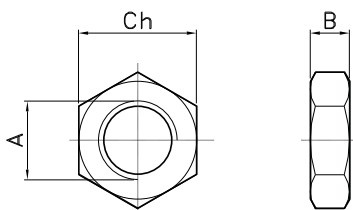
|            |       |          |    |     |
|------------|-------|----------|----|-----|
| COD.       | Ø     | A        | B  | C   |
| DAN4       | 8-10  | M4       | 7  | 3   |
| DAN6       | 12-16 | M6       | 10 | 5   |
| DAN8       | 20    | M8       | 13 | 6.5 |
| DAN10X1,25 | 25    | M10X1,25 | 17 | 8   |

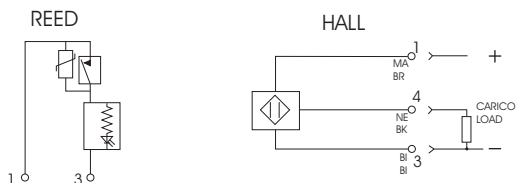
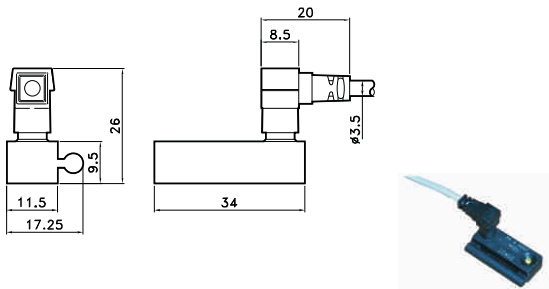


ECROU POUR FIXATION

|            |       |
|------------|-------|
| COD.       | Ø     |
| DAD12X1,25 | 8-10  |
| DAD16X1,25 | 12-16 |
| DAD22X1,5  | 20-25 |

| Ø     | A        | B  | Ch | Peso (g) |
|-------|----------|----|----|----------|
| 8-10  | M12x1.25 | 7  | 19 | 12       |
| 12-16 | M16X1.5  | 8  | 24 | 20       |
| 20-25 | M22X1.5  | 10 | 32 | 35       |





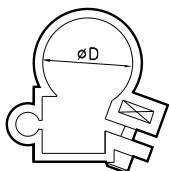
CAPTEUR UNIVERSEL

COD.

|           |                       |
|-----------|-----------------------|
| AR4024110 | REED 2 FILS AVEC CONN |
| AR4024120 | HALL 3 FILS AVEC CONN |

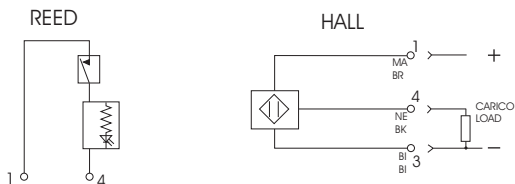
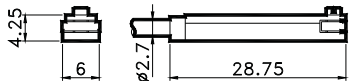
Données techniques

|                            |                          |
|----------------------------|--------------------------|
| Classe de protection       | IP 67 EN 60529           |
| Température de travail     | -20C° +85C°              |
| Matériel de construction   | PA                       |
| Tension en DC              | Reed 3-230V / Hall 6-30V |
| Tension en AC              | Reed 3-230V              |
| Intensité à 25°C           | Reed 0,20A / Hall 0,20A  |
| Temps de mise en marche    | Reed 0,5mS / Hall 0,8 uS |
| Temps de mise hors tension | Reed 0,1mS / Hall 0,3 uS |



ADAPTATEUR POUR CAPTEUR UNIVERSEL

| COD.      | Ø  | D  |
|-----------|----|----|
| AR4025008 | 8  | 12 |
| AR4025010 | 10 | 14 |
| AR4025012 | 12 | 16 |
| AR4025016 | 16 | 20 |
| AR4025020 | 20 | 24 |
| AR4025025 | 25 | 29 |



CAPTEUR EN T

COD.

|           |                          |
|-----------|--------------------------|
| AR4023010 | REED 2 FILS (MT2,5)      |
| AR4023020 | HALL 3 FILS (MT2,5)      |
| AR4023110 | REED 2 FILS + M8 (CM 30) |
| AR4023120 | HALL 3 FILS + M8 (CM 30) |

Données techniques

|                            |                          |
|----------------------------|--------------------------|
| Classe de protection       | IP 67 EN 60529           |
| Température de travail     | -20C° +85C°              |
| Matériel de construction   | PA                       |
| Tension en DC              | Reed 3-30V / Hall 6-30V  |
| Tension en AC              | Reed 3-30V               |
| Intensité à 25°C           | Reed 0,20A / Hall 0,20A  |
| Temps de en marche         | Reed 0,5mS / Hall 0,8 uS |
| Temps de mise hors tension | Reed 0,1mS / Hall 0,3 uS |



ADAPTATEUR POUR CAPTEUR EN T

| COD.      | Ø  |
|-----------|----|
| AR4199008 | 8  |
| AR4199010 | 10 |
| AR4199012 | 12 |
| AR4199016 | 16 |
| AR4199020 | 20 |
| AR4199025 | 25 |